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1975-1978

遠洋다랭이 延繩漁業 漁獲統計
資料集 및 漁場圖

ANNUAL REPORT OF CATCH AND EFFORT
STATISTICS AND FISHING GROUNDS ON
KOREAN TUNA LONGLINE FISHERY

1975-1978

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National Marine Fisheries Service
2510 Sand Street
Honolulu, Hawaii

國立水產振興院

FISHERIES RESEARCH & DEVELOPMENT AGENCY

BUSAN, KOREA
OCTOBER, 1980



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국민교육헌장

우리는 민족중흥의 역사적 사명을 띠고 이 땅에 태어났다. 조상의 빛난 얼을 오늘에 되살려, 안으로 자주 독립의 자세를 확립하고, 밖으로 인류 공영에 이바지 할 때다. 이에, 우리의 나아갈 바를 밝혀 교육의 지표로 삼는다.

성실한 마음과 튼튼한 몸으로, 학문과 기술을 배우고 익히며, 타고난 저마다의 소질을 계발하고 우리의 처지를 약진의 발판으로 삼아, 창조의 힘과 개척의 정신을 기른다.

공익과 질서를 앞세우며 능률과 실질을 숭상하고, 경애와 신의에 뿌리박은 상부 상조의 전통을 이어받아, 명량하고 따듯한 협동정신을 복돋운다. 우리의 창의와 협력을 바탕으로 나라가 발전하며 나라의 융성이 나의 발전의 근본임을 깨달아, 자유와 권리에 따르는 책임과 의무를 다하며, 스스로 국가 건설에 참여하고 봉사하는 국민 정신을 드높인다.

반공 민주정신에 투철한 애국애족이 우리의 삶의 길이며, 자유세계의 이상을 실현하는 기반이다. 길이 후손에 물려줄 영광된 통일 조국의 앞날을 내다보며, 신념과 긍지를 지닌 근면한 국민으로서 민족의 슬기를 모아 즐기찬 노력으로, 새 역사를 창조하자.

卷之五

一、論學問之重要。學問者，人生之寶也。人之所以異於禽獸者，以其有學問也。學問之於人，猶水之於木，火之於金也。無水則木枯，無火則金熔。無學問則人廢。故君子必先求學問，然後可以立身。學問之途，雖多岐而一也。其始也，必由博而約，由約而博。博學之，審問之，慎思之，明辨之，篤行之。此為學之五經也。博學之，所以廣其見聞也。審問之，所以深其疑難也。慎思之，所以精其義理也。明辨之，所以正其是非也。篤行之，所以成其事業也。此五者，不可缺一也。學問之益，不可殫述。其於人也，如天之有日月，地之有山川。不可一日而無之也。故君子之學，無時而間，無事而廢。其於人也，如天之有日月，地之有山川。不可一日而無之也。故君子之學，無時而間，無事而廢。

머 리 말

可用水産生物資源의 高度的利用과 生産性向上은 漁具, 漁法の 改良과 製造技術의 發達을 통하여 世界 水産物 生産의 伸張을 계속 促進시키고 있습니다.

우리나라 遠洋다랭이漁業은 1957年 印度洋에서 처음 試驗操業을 계기로하여 1962年에 太平洋에서, 1964年에 大西洋에서 각각 實質的인 漁業이 이루어 졌습니다. 生産量 現況을 보면 1958年에 불과 270千%에서 1963年에는 2,560千%으로, 1966年에 25,500千%을 生産하여 그 增加幅이 1963年比 約 10倍에 달했으며 1973年부는 100千%의 水準에 이르렀고 1978年에는 160千%을 漁獲하게 되었습니다.

1979年 FAO 水産統計에 의하면 1978年 現在 世界 다랭이類 總生産量 2,522千% 가운데 日本(789千%, 31.3%), 필리핀(212千% 8.4%), 美国(199千%, 7.9%)에 이어 韓國(151千%, 6.0%)이 第四位를 차지하는 다랭이漁業 先進國으로 발돋움 했습니다.

이와같이 우리나라 遠洋다랭이漁業이 國際水準에 달함과 동시에 輸出産業으로서도 高度의 成長을 維持하고 있으나 現今의 海洋을 둘러싼 國際水産動向은 沿岸國의 經濟水域 200海里 設定과 漁業規制의 強化等으로 利用 漁場範圍의 縮小가 不得已하게 되므로서 漁業活動이 漸次 어려워지고 있는 現實에 있습니다.

따라서 國立水産振興院에서는 1975~1978年동안 三大洋에서 操業한 다랭이 漁船으로 부터 蒐集된 漁獲統計資料와 기타 海外情報資料를 總整理하여 신속 正確한 漁場情報를 漁民 諸位께 提供함으로써 最小의 努力과 經費로서 보다 많은 漁獲에 의한 所得増大를 뒷받침함과 동시에 더욱 效果的인 漁業活動으로 遠洋다랭이漁業 發展에 기여하고자 한 國際다랭이 漁業資源에 대한 國內 및 國際的 管理의 基礎資料로 提供하고자 본 책자를 發刊하게 되었습니다.

끝으로 본 책자가 發刊되기까지 資料提出에 協助해 주신 遠洋漁業者 諸位께 깊은 감사를 드리며 資料의 整理分析 및 編輯에 수고한 本院 遠洋資源調査科 職員 일동의 勞苦를 치하하는 바입니다.

1980年 10月 日

國立水産振興院長 李 義 秀

PREFACE

Korean tuna longline fishery has operated in the Indian Ocean since 1957, in the Pacific Ocean since 1962 and in the Atlantic Ocean since 1964.

The catch of tunas and tuna-like fishes by this fishery reached 100,000 metric tons in 1973 and 160,000 metric tons were recorded in 1978 — the highest level since 1957.

The National Fisheries Research and Development Agency has conducted the collection and analysis of the catch and effort data, as well as some biological surveys including tagging experiments of the major species such as yellowfin, bigeye and skipjack tuna.

This bulletin contains the statistics of monthly catch and effort data and areas and species sampled by Korean longliners during 1975 — 1978. It also shows the fishing grounds for tuna species.

This information will serve as a sound basis for better assessment and proper management of tuna stocks and the bulletin will hopefully be useful to fisherman and scientists in this field, and to further research on the exploitation of tuna stocks.

October 1980

HEE SOO LEE

Director General
Fisheries Research and
Development Agency

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I. 資 料 및 方 法

本資料集에 收錄된 資料는 1975 ~ 1978 年間 3 大洋에서 韓國다랭이延繩漁船으로부터 蒐集된 漁獲實績報告書를 基礎로하여 다음과 같이 作成했다.

1. 漁獲統計資料集

가. 蒐集된 資料는 各漁船의 操業位置에 따라 經緯度 $5^{\circ} \times 5^{\circ}$ 간격으로 區分 集計하였다.

나. 漁獲實績報告書에 記錄된 資料는 G·G·Weight(gutted, gilled, fin-off) 이므로 當院에서 調査한 G·G·Weight 와 Round Weight (全重量) 關係에서 全重量으로 換算했다.

다. 海區別 ($5^{\circ} \times 5^{\circ}$) 漁場分布圖에서 努力量은 사용된 全 낚시數를, 魚種別 密度分布는 CPUE로서 表示했으며 計算方法은

$$CPUE = \frac{\text{漁獲尾數}}{\text{사용낚시數}} \times 100$$

2. 漁場 圖

가. 漁場分布圖에서는 調査期間동안 漁獲對象種 全體에 대한 年別, 分期別, 月別로 區分한 CPUE와 努力量을 表示했고 魚種別로는 重要種인 날개다랭이, 황다랭이, 눈다랭이의 順으로 上記 區分한 시기와 같이 각각 나타내었다

나. 漁場圖에 表示한 CPUE 및 努力量の 範例는 각각 다음과 같다.

單位努力當 漁獲量

努 力 量

Catch per unit of effort

Efforts

(單位 : 100 낚시당 마리수)

(사용낚시수)

unit:No. of fish per 100 hooks

No. of hooks used

○ 0.00 — 0.49

○ 5000 이하

● 0.50 — 0.99

● 5000 — 9999

○ 1.00 — 1.99

○ 10000 — 49999

◎ 2.00 — 2.99

◎ 50000 — 99999

◎ 3.00 — 4.99

◎ 100000 — 149999

● 5.00 이상

● 150000 이상

本 資料集 및 漁場圖의 作成 및 編輯에 關係된 研究者를 밝힌다

Edited by

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II. 漁獲実績 報告書 蒐集 및 集計

1. 報告書 蒐集現況

本統計는 水産業法 第72條의 規定에 의한 「遠洋漁船의 操業動態등의 報告에 關한 規則」 (農水産部令 第667號, 1977.1.20.改定)으로 遠洋漁業을 經營하는 者는 遠洋漁業에 從事하는 操業動態와 그 漁獲物의 販買狀況을 國立水産振興院長을 거쳐 水産廳長에게 報告(同令 第2條)함과 동시에 報告書는 該當 漁船 別로 매 항차 종료후 国内基地船(독항식 어선 包含)은 30日內에, 外国基地船은 60日內에 國立水産振興院長에게 提出(同令 第3條)하여야하는 規定에 準하여 蒐集된 資料이다. 蒐集 - 整理 - 分析된 資料는 遠洋漁業의 資源動態把握과 遠洋漁業振興策 樹立 및 國際水産機構에 科學的 基礎評價資料로서 提供되고 있으며 특히 本統計 資料集에서와 같이 魚種別 資源豊度の 分布狀態와 時期別 中心漁場 把握등 漁況豫報資料로서 活用될 뿐 만 아니라 水産團體 및 關聯 機關에 앞으로 資源解析을 위한 基礎資料로서도 利用될 수 있을 것이다.

本統計를 蒐集하여 整理 分析하기 까지의 段階的 作業 흐름도와 調査樣式은 그림 1 및 表 1과 같다.

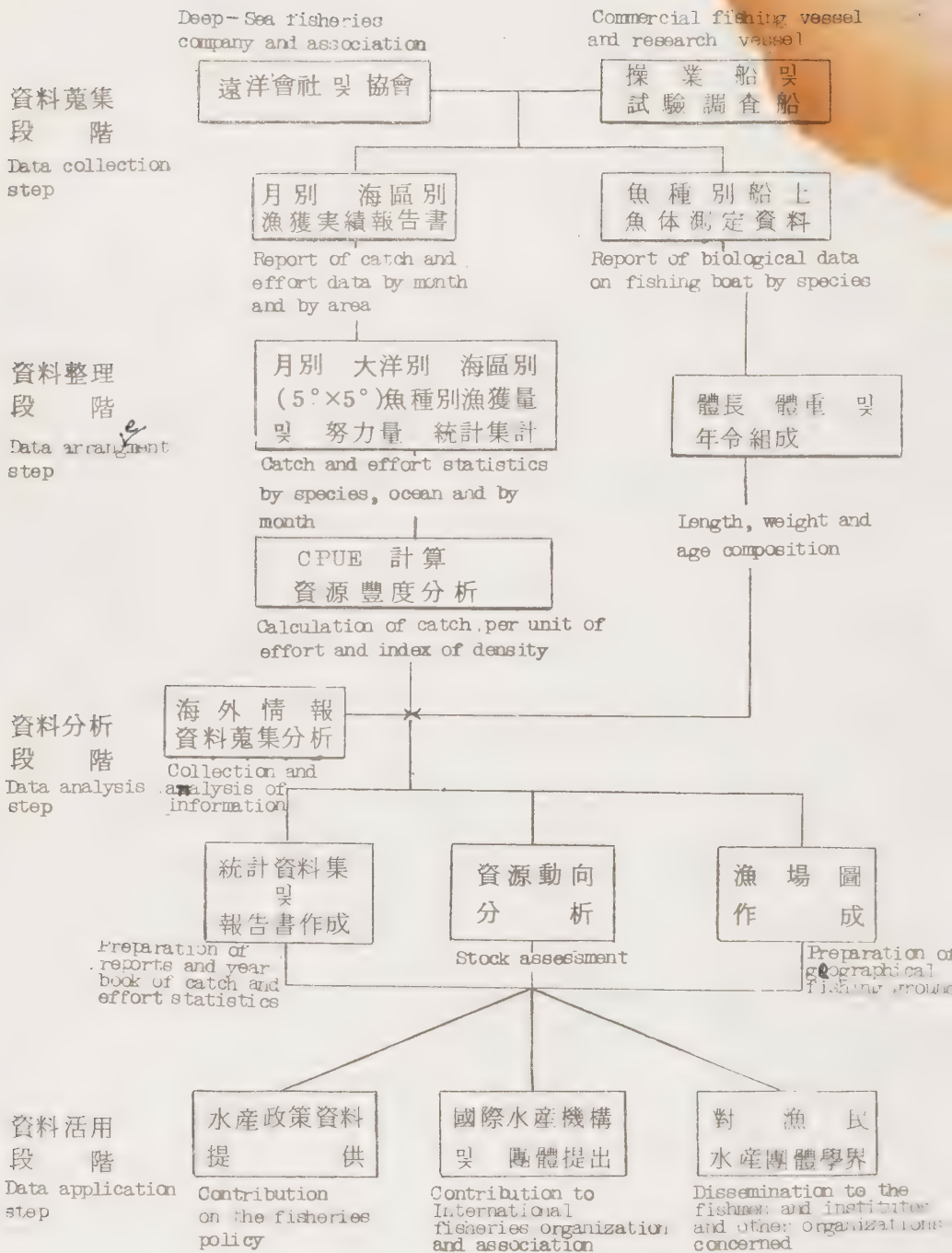


그림 1. 統計資料蒐集 및 分析作業흐름도

Fig1. Flow chart of data processing

표 1. 어획량 조사표

(별지 제1호 서식)

분류기호 :

수 신 : 국립수산물품질관리원

참 조 : 원양자원조사과장

제 목 : 원양참치연승어업어획실적보고

기 관 명

(전화)

보고년월일	년 월 일
선 장	성 명
보고취급책임자	성 명
항 해 기 간	년 월 일

보고선박	총 톤 수	톤	마 력	HP
항해차수01	차	입항년월일02	월 일	항해일수03
	일	조업일수04	일	승무원05
				명

시행년월일
발 신

조업형태 06
1. 태평양(기저, 독함) 4. 기 타
2. 대서양(기저, 독함)
3. 인도양(기저, 독함)

어선규모 07
1. 100톤~150톤 5. 301톤~350톤
2. 151톤~200톤 6. 351톤~400톤
3. 201톤~250톤 7. 401톤~450톤
4. 251톤~300톤 8. 451톤~이상

주어장 08
1. 0도이북태평양 4. 0도이남태평양
2. 180도이서태평양 5. 180도이동태평양
3. 0도이북태평양 6. 대서양

주로사용한이로 09
1. 공 치 3. 기 타
2. 오징어

비 고

1. 조업기간이 두개의 달에 걸쳐있을 때는 월별로 별지를 작성할것.

2. 조업형태로부터 주로 사용한 이로까지의 란 및 정오위치의 N.S별 E.W별의 란은 해당되는 것에 ○표한다.

3. 어종별 어획량은 각란마다 상단은 중량(kg)을 하단은 마리수를 기재할것.

예 :

kg
마리수

4. 이 양식은 전자계산기 사용방식으로 작성되어 있으므로 임의로 개정사용치 말것.

5. 각란에 표시되어 있는 숫자는 고유번호이므로 기재시 개의치 말것.

구분	정오위치				표면 수온	낙시수	다량어류					세치류					가다랭이	상어	기타	계
	위도	경도					날개다랭이	황다랭이	눈다랭이	참다랭이	인도다랭이	녹색치	청색치	황색치	백색치	돛새치				
날자	도	N.S	도	E.W	수온	빛지수	Albacore	Yellowfin	Bigeeye	Bluefin	Southern bluefin	Blue marlin	Striped marlin	Broadbill	White marlin	Sailfish	Skipjack	Shark	Others	Total
월 일	20	21	22	23	30	31	40	41	42	43	44	45	46	47	48	49	50	51	90	99
1		1N 2S		1E 2W																
2		1N 2S		1E 2W																
3		1N 2S		1E 2W																
4		1N 2S		1E 2W																
5		1N 2S		1E 2W																
6		1N 2S		1E 2W																
7		1N 2S		1E 2W																
8		1N 2S		1E 2W																
9		1N 2S		1E 2W																
10		1N 2S		1E 2W																
11		1N 2S		1E 2W																
12		1N 2S		1E 2W																
13		1N 2S		1E 2W																
14		1N 2S		1E 2W																
15		1N 2S		1E 2W																
16		1N 2S		1E 2W																
17		1N 2S		1E 2W																
18		1N 2S		1E 2W																
19		1N 2S		1E 2W																
20		1N 2S		1E 2W																
21		1N 2S		1E 2W																
22		1N 2S		1E 2W																
23		1N 2S		1E 2W																
24		1N 2S		1E 2W																
25		1N 2S		1E 2W																
26		1N 2S		1E 2W																
27		1N 2S		1E 2W																
28		1N 2S		1E 2W																
29		1N 2S		1E 2W																
30		1N 2S		1E 2W																
31		1N 2S		1E 2W																
본항대의 어획량 및 금액							어획량		금액		W		미당량		금액		W		금액	

한편 本統計集에 수록된 1975 ~ 1978 年間の 標本率 (coverage rate)
 은 $\frac{\text{당월 집계 총어획량}}{\text{수산통제연보상의 총어획량}} \times 100$ 로서 計算했고 年度別 標本率は 表
 2 와 같다.

表 2. 年度別, 大洋別 標本率 現況

Table 2. The coverage rate by year and by Ocean.

單位 : % (Unit: Percentage)

年度 year	大洋 ocean	大 西 洋 Atlantic ocean	印 度 洋 Indian ocean	太 平 洋 Pacific ocean
1975		19.3	21.2	9.6
1976		49.8	19.8	17.8
1977		35.2	59.4	44.9
1978		39.4	65.4	58.0

2. 大洋別 海區別 漁場區分

操業船의 漁獲實績報告書는 매일의 操業位置를 緯度 - 經度 1° 간격으로
 表示하고 있어 이를 5° × 5° 간격으로 再集計하여 本統計를 作成하였다.
 이 區分에 의한 漁場位置는 7 자리로 구분하고 있는데 즉,

$\frac{X}{\text{(海區크기)}}$, $\frac{X}{\text{(象限)}}$, $\frac{XX}{\text{(緯度)}}$, $\frac{XXX}{\text{(經度)}}$, 이다.

여기서 區分된 수치의 예를보면 “ 6205165 ” 일때 “ 6 ” 은 5° × 5° 간
 격을 表示했고 “ 2 ” 는 像限 (그림 2 참조) 으로 Southeast 를 나타내며
 이때 “ 05 ” 는 南緯를, “ 165 ” 는 東經을 表示한다.

참고로 各像限區分の 수치는 다음과 같다.

- | | |
|----------------------|----------------------|
| 1 : Northeast (NE) | 3 : Southwest (SW) |
| 2 : Southeast (SE) | 4 : Northwest (NW) |



그림 2. 像限区分图

Fig 2. System for identifying statistical rectangle

3. 漁獲對象種의 種類 및 名稱

本統計에서 漁獲對象種을 國名과 英名 學名으로 나타내었으며 英名の 略字는 다음과 같다.

韓國名 (Korean name)	記号 (Acronym)	英 名 (Common name)	學 名 (Scientific name)
참다랭이	BFT	Bluefin tuna	<u>Thunnus thynnus</u>
황다랭이	YFT	Yellowfin tuna	<u>Thunnus albacarus</u>
날개다랭이	ALB	Albacore tuna	<u>Thunnus alalunga</u>
눈다랭이	BET	Bigeye tuna	<u>Thunnus obesus</u>
가다랭이	SKJ	Skipjack tuna	<u>Katsuwonus pelami</u>
황새치	SWO	Broadbill swordfish	<u>Xiphias gladius</u>
늑새치	BUM	Blue marlin	<u>Makaira nigricans</u>

청새치	STM	Striped marlin	<u>Tetrapturus audax</u>
백새치	WHM	White marlin	<u>Tetrapturus albidus</u>
돛새치	SAI	Sailfish	<u>Istiophorus albicans</u>

4. 大洋別 魚種別 平均重量

本 統計集의 漁獲量은 尾數로 表示되어 있으므로 이를 重量으로 換算하기 위해 年度別 魚種別 調査된 尾當 平均重量은 表 3, 4, 5 와 같다.

表 3. 大西洋 年度別 魚種別 平均重量

Table 3. Average weight(round weight) by year and by species
in the Atlantic ocean for 1975 ~ 1978

UNIT : kg

Species	1975	1976	1977	1978
Albacore	21.7	20.5	20.8	22.2
Yellowfin	48.6	44.0	34.0	44.6
Bigeye	50.4	48.3	44.6	48.0
Bluefin	44.5	86.3	75.6	
Blue marlin	92.3	104.3	108.8	98.6
Broadbill Swordfish	56.3	63.0	55.3	61.8
White marlin	27.4	26.0	25.2	29.7
Sailfish	21.1	22.2	23.3	21.6
Skipjack	2.0	5.0	10.2	6.6
Sharks	50.7	61.7	60.9	58.1
Others	24.6	18.4	27.4	18.5

表4. 印度洋 年度別 魚種別 平均重量

Table 4. Average weight (round weight) in the Indian Ocean

Species	1975	1976	1977	1978
Albacore	20.2	21.6	21.1	19.8
Yellowfin	34.7	34.2	36.1	32.3
Bigeye	43.0	35.2	36.8	35.9
Bluefin	75.7	75.6	64.1	38.7
Blue marlin	76.6	80.2	82.0	73.3
Striped marlin	49.5	49.5	62.3	47.0
Broadbill swordfish	54.5	52.7	49.7	45.4
Sail fish	26.0	29.6	47.8	42.3
Skipjack	7.0	4.5	6.7	12.1
Sharks	40.1	44.8	43.5	36.3
Others	18.8	27.2	27.7	24.4

表5. 太平洋 年度別 魚種別 平均重量

Table 5. Average weight (round weight) in the Pacific ocean

Species	1975	1976	1977	1978
Albacore	20.0	18.6	14.3	15.1
Yellowfin	38.2	37.0	27.8	30.9
Bigeye	53.9	45.7	33.0	34.6
Bluefin	85.0	86.7	87.6	47.9
Blue marlin	74.3	38.5	84.6	51.6
Striped marlin	58.1	81.2	59.4	47.5
Broadbill swordfish	51.9	66.0	59.4	49.8
Sailfish	26.3	31.5	30.5	25.1
Skipjack	9.8	7.6	11.6	6.6
Sharks			43.6	41.8
Others	35.6	35.6	22.4	16.0

Ⅲ. 다랭이類 漁業資源 現況

1. 世界 다랭이類 生産動向

世界 다랭이類(새치類 包含)의 生産現況은 1975年 2,069千噸에서 1976년에는 2,299千噸으로 '75年比 11.0%로 增加했으며 1977년에는 2,355千噸으로 '75年比 13.8%, '76年比 24%로 각각 增加했고 '78년에는 2,522千噸으로 '75年比 21.9%, '76年比 9.7%, '77年比 7.1%로 各各 增加했다.

重要 魚種別 動向은 1975年 가다랭이가 26.1%(540千噸), 황다랭이 24.6%(509千噸), 눈다랭이 9.2%(191千噸), 날개다랭이 8.8%(183千噸)를 차지했으며 1976년에는 가다랭이 29.0%(666千噸), 황다랭이 24.3%(558千噸), 날개다랭이 10.1%(232千噸), 눈다랭이 8.0%(185千噸)를 차지했고 1977년에는 가다랭이 26.9%(634千噸), 황다랭이 23.5%(553千噸), 눈다랭이 9.0%(213千噸), 날개다랭이 8.3%(196千噸)를 차지했으며 최근 1978년에는 가다랭이 31.4%(792千噸), 황다랭이 19.6%(495千噸), 날개다랭이 9.0%(227千噸), 눈다랭이 7.8%(196千噸)를 차지하여 毎年 漁獲比率은 가다랭이 황다랭이가 높은 水準에 있다. 그러나 年度別 魚種別 變化에 있어서는 참다랭이, 황다랭이, 날개다랭이, 눈다랭이는 대체로 平衡水準에 있으며 가다랭이는 점차 增加상태를 보여 世界 遠洋다랭이類의 資源利用은 가다랭이에 集中되는 現象을 나타내고 있다 (表6).

한편 國別 生産量은 1978年 基準으로 日本이 789千噸(31.3%)로 首位를 점했으며 다음이 필리핀 212千噸(8.4%), 美國 199千噸(7.9%), 韓國 151千噸(6.0%), 인도네시아 107千噸(4.2%)으로 이들 5個國에서만 58.9%를 차지하고 있다. 이들 國家들의 1977年比

生産量은 日本이 13.7 % (95千噸), 美國 11.8 % (21千噸)로 各各 増加하는 반면 필리핀, 韓國, 인도네시아는 (5.4 %) 12千噸, (5.0 %) 8千噸, (2.7 %) 3千噸으로 各各 減少했다 (表 7) .

表 6. 世界 다랭이類 年度別 生産量
 Table 6. World nominal catches of tunas. and tuna-like fishes
 by year 單位 : 千噸 (Unit : 1,000 Metric ton)

年度 year 魚種 区分 species Item	1975		1976		1977		1978	
	生産量 Nominal Catch	%	生産量 Nominal Catch	%	生産量 Nominal Catch	%	生産量 Nominal Catch	%
合 計 Total	2,069	100	2,299	100	2,355	100	2,522	100
참 다랭 이 Bluefin	39	1.9	41	1.8	39	1.7	68	2.7
황 다랭 이 Yellowfin	509	24.6	558	24.3	553	23.5	495	19.6
날개 다랭 이 Albacore	183	8.8	232	10.1	196	8.3	227	9.0
눈 다랭 이 Bigeye	191	9.2	185	8.0	213	9.0	196	7.8
가 다랭 이 Skipjack	540	26.1	666	29.0	634	26.9	792	31.4
새 치 類 Billfish	91	4.4	87	3.8	83	3.5	95	3.8
기 타 Others	516	24.9	530	23.1	637	27.0	649	25.7

資料 : FAO水産統計年報 (1978)
 Data Source:FAO Year book of fishery statistics,1978.

大洋別 生産量은 太平洋에서 1977 年에 1,559千噸 (66.2 %), 1978 年 1,725千噸 (68.4 %)으로 가장 높은 比率을 차지했으며 1978 年에 는 '77 年比 10.6 % (166千噸)가 増加했다. 大西洋에서는 1977 年 510千噸 (21.7 %), 1978 年 507千噸 (20.1 %)를 차지했으며 1978 年에는

'77年比 0.6% (3千%) 減少 했지만 印度洋에서는 1977年 286千% (12.1%), 1978年 290千% (11.5%)로 1.4%가 増加한 現象을 各 各 이루었다 (表 8).

表 7 . 主要國別 다랭이類 生産量
 Table 7. Nominal catches of tunas and tuna-like fishes by year and by country
 單位 : 千%
 (Unit : 1,000 Metricton)

國 家 country	1975		1976		1977		1978	
	生産量 Nominal Catch	%	生産量 Nomina Catch	%	生産量 Nominal Catch	%	生産量 Nominal Catch	%
日 本 Japan	613	29.6	763	33.2	694	29.5	789	31.3
필 리 핀 Philippines	167	8.1	139	6.0	224	9.5	212	8.4
美 國 U.S.A	204	9.9	245	10.7	178	7.6	199	7.9
韓 國 Korea	132	6.4	137	6.0	159	6.8	151	6.0
인도네시아 Indonesia	89	4.3	95	4.1	110	4.7	107	4.2
스 페 인 Spain	84	4.1	95	4.1	102	4.3	86	3.4
프 랑 스 France	58	2.8	73	3.2	76	3.2	75	3.0
푸에르토리코 Puerto Rico	52	2.5	78	3.4	56	2.4	75	3.0
인 도 India	33	1.6	45	2.0	31	1.3	39	1.5
가 나 Ghana	14	0.7	15	0.7	23	1.0	14	0.6

資料 : FAO 水産統計年報
 Data Source : FAO Year book of fishery statistics, 1978.

表 8. 大洋別 다랭이類 生産量

Table 8. Nominal catches of tunas and tuna-like fishes by year and by ocean
單位: 千噸
(Unit: 1000 Metric ton)

大 洋 Ocean	1975		1976		1977		1978	
	生産量 Nominal Catch	%	生産量 Nominal Catch	%	生産量 Nominal Catch	%	生産量 Nominal Catch	%
太 平 洋 Pacific Ocean	1,385	67.0	1,578	68.6	1,559	66.2	1,725	68.4
大 西 洋 Atlantic Ocean	425	20.6	445	19.4	510	21.7	507	20.1
印 度 洋 Indian Ocean	258	12.4	276	12.0	286	12.1	290	11.5

資料: FAO 水産統計年報 (1978)

Data Source: FAO Yearbook of fishery statistics, 1978.

2. 韓國의 다랭이類 生産動向

우리나라의 遠洋다랭이 漁業은 1957 年 첫 試驗操業을 효시로하여 1962 年에 5 隻이 出漁操業하므로서 實質的인 資源利用에 들어 갔다. 年度別 漁船勢力의 伸張은 1974 年에 最高 567 隻까지 달한후에 다소 減少하여 1978 年에는 482 隻이 出漁했다. 또한 生産量에서도 每年 增獲되어 1973 年에는 100 千噸을 漁獲하므로서 安定된 狀態에 도달했으며 1978 年에는 163 千噸을 生産하여 出漁隻數가 가장 많았던 1974 年에 比하면 33.1% 1975 年比 12.7 % 그리고 1976 年比 10.2 %로 各各 增加했다. 그러나 이는 1977 年比 5.2 %가 減少하였는데 이런 現象은 遠洋漁業중 가장 經營수지가 낮고 노후선의 비중이큰 참치기지선의 사고선박에 대한 미보충과 合作投入을 비롯하여 전업등의 生産부진에 기인된것이라 하겠다. 한편 漁業經營과 密接한 關係를 가지고 있는 輸出 伸張은 1973 ~ 74 年期에 漁獲量이 18.2 % 增加에 比해 輸出額은 겨우 1.0 % 增加했으나 1977 年에는 生産量 增獲과 더불어 참치류 魚價의 상승으로 輸出額은 1976

年比 47.0 % (61,120 阡 \$) 의 괄목 할 만 한 伸張을 이루었다. 그러나 1978 年에는 77 年比 7.6 %가 減少 되었는데 이는 '77 年 하반기부터 일본 국내 시장 불황으로 참치 등 고급 魚種의 消費 기피現象으로 韓國의 독항선 참치輸入을 強力하게 規制한 것에 기인된다 (表 9).

表 9. 年度別 出漁隻數, 生産量 및 輸出額現況

Table 9. The Status of export price, catches and operating boats by year.

區分 Item	年度 year	1962	1967	1971	1972	1973	1974	1975	1976	1977	1978
出漁隻數(隻) Operating boat		5	170	291	360	440	567	558	501	501	482
漁獲量(%) Nominal catch in metric-ton		657	38,460	83,784	97,670	103,332	122,216	144,426	147,651	171,604	162,726
輸出額(阡\$) export price in 1,000 dollars		209	12,344	51,570	62,777	88,254	89,097	107,564	130,149	191,269	176,804

資料: 農水産部 水産統計年報, 1978.

Data Source: Year book of fisheries statistics, 1978

Ministry of Agriculture and fisheries,
Republic of Korea.

魚種別 生産量 動向은 1975 年 및 1976 年에는 눈다랭이가 36.1 %, 33.8 %로서 가장 높았고 다음이 황다랭이 33.8 %, 31.8 %로서 가장 높은 어획을 보였다. (表 10).

大洋別 漁船勢力 및 生産量을 보면 1977 年에는 印度洋海域에 165 隻出漁 66,015 %으로 가장 많았고 다음이 太平洋 217 隻出漁 59,985 % 大西洋 119 隻, 45,604 %였으며 隻當 漁獲量은 印度洋이 400 %으로 首位였고 大西洋 383 %에 이어 太平洋 276 %으로 나타났으며 1978 年에는 印度洋에 出漁隻數 151 隻 漁獲量 71,123 %으로 '77 年比 7.7 % 増加했으며 太平洋은 223 隻에 51,597 %으로 '77 年比 16.3 %가 오히

表 10. 年度別 魚種別 生産量 現況

Table 10. Catch of tunas and tuna like fishes by species and year

單位：千噸
(Unit: 1,000 Metric ton)

魚種 species	年度 year 区分 Item	1975		1976		1977		1978	
		生産量 Catch	%	生産量 Catch	%	生産量 Catch	%	生産量 Catch	%
合 計 Total		144,426	100	147,651	100	171,604	100	162,726	100
참 다 랭 이 Bluefin		285	0.2	70	0.05	10	-	119	0.1
황 다 랭 이 Yellowfin		38,663	26.8	40,037	27.1	65,385	38.1	51,690	31.8
날 개 다 랭 이 Albacore		18,111	12.5	22,641	15.3	22,952	13.4	20,508	12.6
눈 다 랭 이 Bigeye		52,087	36.1	49,970	33.8	50,547	29.5	51,458	31.6
가 다 랭 이 Skipjack		9,384	6.5	9,224	6.2	7,099	4.1	16,659	10.2
새 치 류 Billfishes		9,860	6.8	14,959	10.1	10,839	6.3	10,860	6.7
기 타 others		16,036	11.1	10,750	7.3	14,772	8.6	11,432	7.0

資料：農水産部 水産統計年報（1979）

Data Source: Year book of fisheries statistics, 1979

Ministry of Agriculture and fisheries,
Republic of Korea.

며 減少했고 大西洋 역시 108 隻에 40,006 噸으로 '77 年比 12.3 %
가 減少했다. 隻當 漁獲量은 印度洋이 471 噸, 大西洋이 370 噸, 太平洋
이 231 噸으로 '77 年比 印度洋에서는 増加 추세에 있으나 太平洋과 大
西洋에서는 오히려 減少하고 있다 (表 11).

表 11. 大洋別 漁船勢力 및 生産量 比率

Table 11. The catches and operating boats by ocean

年度 year 區分 大洋 Item Ocean	1975			1976			1977			1978		
	隻數 No. of boat	生産量 (噸) catch of boat	隻當 漁獲量 (噸) catch per boat	隻數 No. of boat	生産量 (噸) catch of boat	隻當 漁獲量 (噸) catch per boat	隻數 No. of boat	生産量 (噸) catch of boat	隻當 漁獲量 (噸) catch per boat	隻數 No. of boat	生産量 (噸) catch of boat	隻當 漁獲量 (噸) catch per boat
合 計 Total	558	144,426	259	501	147,651	295	501	171,604	343	182	162,726	338
太 平 洋 Pacific ocean	253	49,569	196	257	68,771	268	217	59,985	276	223	51,597	231
大 西 洋 Atlantic ocean	120	46,949	391	117	35,383	302	119	45,604	383	108	40,006	370
印 度 洋 Indian ocean	185	47,908	259	127	43,497	342	165	66,015	400	151	71,123	471

資料：農水産部，水産統計年報，1979.

Data Source: Year book of fisheries statistics, 1979
Ministry of Agriculture and fisheries,
Republic of Korea, 1979

3. 다랭이類 重要 魚種別 生態

다랭이類 資源의 生態的 및 型態의特徵을 이미 밝혀진 文献과 報告書
를 참조하여 重要種別로 간략하게 발췌하였다.

가. 참다랭이 學名: Thunnus thynnus
 英名: Bluefin tuna
 日名: Kuromaguro



1) 分類特徵

몸은 압축된 방추형이며 앞측은 대단히 단단하다. 가슴지느러미는 매우 짧고 제 1 등지느러미보다 제 2 등지느러미가 높으며 지느러미의 색깔을 보면 제 1 등지느러미는 옅은 황색, 제 2 등지느러미와 뒷지느러미는 회색계통의 황색, 토막지느러미는 회색계통의 황색으로 끝부분이 검은색을 띄고 있다.

2) 他種과의 區分

外部形態로서는 참다랭이의 체장은 가슴지느러미의 4.4 ~ 4.6 배 정도이고, 인도다랭이는 4.6 ~ 6.0 배이다..

3) 크 기

보통 : 40 ~ 200cm , 최대 : 300 cm 이상

4) 地理의分布 및 習性

3大洋과 地中海, 黑海에도 分布하고 있으며 未成魚때는 주로 난류역에서, 成魚때는 索餌期동안 한류역으로 洄游하는 習性이 있다. 어릴때는 群集을하며 때로는 다른종과 混棲하기도 한다.

5) 漁業 및 利用

Trap, live-bait, trolling, 旋網 등의 주로 表層漁業에 의해 漁獲되고 드물게는 延繩漁業에서도 漁獲되고 있다. 또한 地域의으로 刺網 三重網, 작살 등의 소규모 漁業이 利用되기도 한다. 漁獲物의 대부분은 통조림 제조용 및 동결魚로서 市場에 판매되고 있다.

나. 인도다랭이 學名: Thunnus maccoyii
英名: Southern bluefin tuna
日名: Minamimaguro



1) 分類特徵

참다랭이와 같은 體型을 하고 있으며 등쪽은 짙은청색, 배 쪽은 은백색계통의 회색을 나타내고 있다. 어릴 때는 몸의 양쪽에 10개 혹은 그이상의 얇은 줄무늬가 있다.

2) 他種과의 區分

“ 참다랭이 란 참조 ”

3) 크 기

보통: 110 ~ 160 cm, 최대: 230 cm

4) 地理的分布 및 習性

단지 南半부에 특히 호주근해에棲息하고 있다. 호주 西北部근해의 産卵場에 成魚가 群集하는 産卵期를 除外하고 未成魚와 成魚는 연중 West Wind drift에 나타나고 있다.

5) 漁業 및 利用

단지 延繩漁業에 의해 漁獲되며 冷凍하여 주로 日本에서 “ Sashimi ”로 소비되고 있다.

다. 황다랭이 學名 : Thunnus albacarus

英名 : Yellowfin tuna

日名 : Kihada



1) 分類特徵

몸은 참다랭이보다 다소 약한 방추형이며 體幅은 體長の $1/4$ 정도로서 他種보다 눈과 머리부분이 작고 특히 제2 등지느러미와 뒷지느러미 연조가 길다. 그러나 漁獲場所 및 魚體크기에 따라 다르다. 새파수는 26 ~ 35 개이다.

몸의 색깔은 등쪽이 짙은청색을, 배쪽은 은색계통의 회색을 띄고 있으며, 中型魚(120 ~ 130 cm) 때는 좌점들이 배쪽에 나타나 있다. 지느러미의 색깔은 제1 등지느러미는 레몬계통의 황색, 제2 등지느러미와 뒷지느러미는 황색, 토막지느러미는 황색이나 주위가 검은색갈을 띄고 있다.

2) 他種과의 區分

表層漁業에 의해 눈다랭이와 같이 混獲되고 있어 어릴때는 分類가 어렵다. 황다랭이는 몸의 양측에 흰줄무늬가 보통 꼬리쪽으로 향해 나타나 있으나 눈다랭이는 규칙적으로 아래로 향해 일직선으로 나타나 있다. 또한 황다랭이는 이 줄무늬가 일정하게 연결선과 점선들이 교대로

10 개 이상 나타나고 있는 반면에 눈다랭이는 단지 연결된 선만이 8 개 이하 존재하고 있다.

3) 크 기

보통 : 40 ~ 170 cm, 최대 : 190 cm

4) 地理의分布 및 習性

난류성 魚種으로 어릴때는 表層가에서 大群을 形成하며, 成魚 때는 表層 뿐 만 아니라 심해에서도 分布한다. 가다랭이 및 눈다랭이와 같이 종종 混棲하고 있으며 특히 가다랭이와 같이 전형적인 열대성 魚類중의 하나이다.

5) 漁業 및 利用

延繩, 旋繩, 채낚기 漁業에서 대부분이 漁獲되고 地域的으로 hand line, 刺網, 定置網, trolling 등에서도 소량 漁獲되고 있다. 漁獲物 全量이 통조림 제조용으로 이용되고 있다.

라. 날개 다랭이 學名 : Thunnus alalunga

英名 : Albacore

日名 : Bin-naga



1) 分類特徵

몸은 연장형이며 꼬리자루는 홀쭉하다. 긴 가슴지느러미를 가진 것

이 특색으로 이는 제 2 등지느러미를 지나 토막지느러미에까지 이르고 있다. 꼬리지느러미는 未成魚와 成魚때 후면에 흰색을 띄고 있고 새파수는 25 ~ 31 개이다.

몸의 색깔은 등쪽이 금속계통의 짙은청색을, 배쪽은 은색계통의 흰색을 띄고 있으며 제 1 등지느러미는 황색, 제 2 등지느러미와 뒷지느러미는 밝은 황색을, 토막지느러미는 밝은 황색이나 주위는 검은색을 나타내고 있다.

2) 他種과의 區分

어릴때 (30 cm)는 같은 크기의 황다랭이와 눈다랭이 보다 짧은 가슴지느러미를 갖고 있으며, 특히 배쪽의 흰 수직 줄무늬가 이들 種보다 적은 것이 구분된다. 成魚때는 긴 가슴지느러미로서 구별이 용이하다.

3) 크 기

보통 : 40 ~ 110 cm, 최대 : 120 cm

4) 地理的分布 및 習性

南北緯 각각 20~40° 선에 주로 分布하고 成魚 (90 cm 이상) 때는 아열대 및 열대 지역에서 未成魚때는 온대수역에서 棲息하고 있으며 어릴 때는 表層大群을 形成하기도 한다.

5) 漁業 및 利用

延繩, 채낚기, trolling 漁業에서 대부분이 漁獲되며, 漁獲物은 기름이나 소금물을 이용한 통조림 제조에 주로 사용된다. 일부지역에서는 冷凍魚로서 市販되기도 한다.

마. 눈다랭이 學名 : Thunnus obesus

英名 : Bigeye tuna

日名 : Mebachi



1) 分類特徵

他種에 비해 체형이 짧고 눈이 큰 것이 특징이다. 頭部는 크고, 체폭은 體長의 $1/4$ 이상이며 제 2 등지느러미와 뒷지느러미 연조가 각각 짧다. 새파수는 25 ~ 31 개이다.

몸의 색깔은 등쪽이 금속계통의 짙은청색이고, 배쪽은 흰색을, 몸양쪽은 황색계통의 자주색을 띄고 있다. 어릴 때는 배쪽에 회색계통의 흰점들이 있으며 제 1 등지느러미는 회색계통의 황색을, 제 2 등지느러미와 뒷지느러미는 밝은 황색을, 그리고 토막지느러미는 주변이 검은색에 황색을 나타내고 있다.

2) 他種과의 區分

어릴 때 눈다랭이는 未成魚期の 황다랭이, 날개다랭이와 비교 할 수 있을만큼 큰 눈을 가지고 있으며 또한 어릴 때 눈다랭이의 가슴지느러미는 날개다랭이의 가슴지느러미만큼 긴것이 특징으로 나타나고 있다. 기타 사항은 “황다랭이”란 참조

3) 크 기

보통 : 40 ~ 170 cm, 최대 : 190 cm

4) 地理的分布 및 習性

未成魚와 索餌成魚群은 한류역에서 날개다랭이 未成魚群과 함께 발견되고 어릴 때는 황다랭이 및 가다랭이와 같이 表層漁業에 混獲되기도 한다.

이種은 특히 沿岸性 魚種으로 때때로 황다랭이와 가다랭이와 함께 大

群을 形成하며 成魚群은 심해에서 발견되는 것으로 알려져 있다.

5) 漁業 및 利用

대부분이 延繩漁業에서 漁獲되며 일부가 채낚기와 旋網에서 漁獲되고 있다.

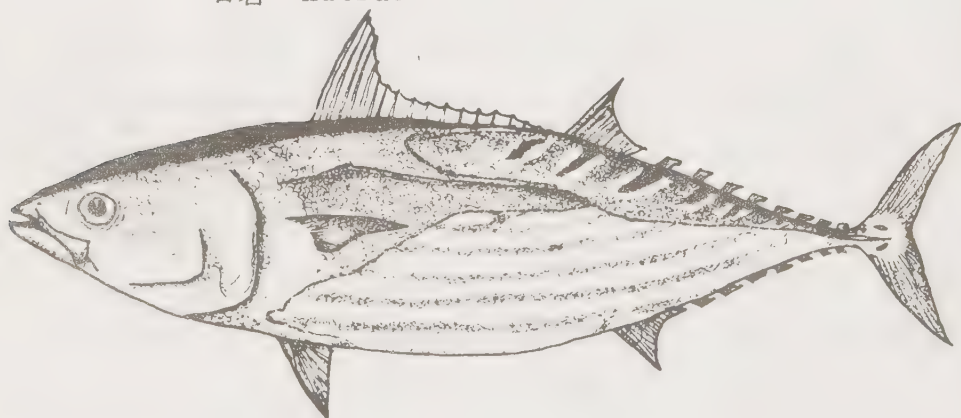
延繩漁業 漁獲物은 동결하여 선어로서 日本에 판매되며 일부는 통조림 제조에 사용되고 있다.

바. 가다랭이

學名 : Katsuwonus pelamis

英名 : Skipjack tuna

日名 : Katsuo



1) 分類特徵

몸 양측에 5개의 명확한 긴 줄무늬가 꼬리쪽으로 향하여 나타나 있는 것이 他種과 쉽게 구별된다. 새파수는 53~63개이며 몸의 색깔은 등쪽이 짙은 자주색계통의 청색, 배쪽은 은색을 띄고 있다.

2) 他種과의 區分

體長이 작고 배쪽에 몇개의 검은 줄무늬가 나타나 있어 他種과 식별이 용이하다.

3) 크 기

보통 : 40~70 cm, 최대 : 90 cm를 넘는 것도 있다.

4) 地理的分布 및 習性

大西洋 및 太平洋西部측의 적도근해에 주로 分布하며 전형적인 回游性 熱帶魚種으로 表層大群을 形成하고 있다.

5) 漁業 및 利用

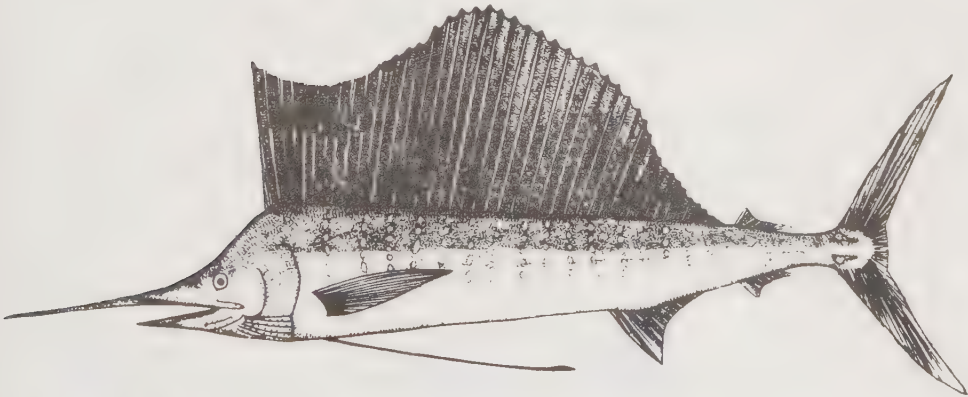
채낚기 및 旋網漁業에 의해 대부분이 漁獲되며 일부는 刺網이나 hand line 에서 漁獲되고 있다. 漁獲物은 주로 통조림 제조에 이용되고 일부는 선어로서 市場에 流通되기도 한다.

사. 돛새치

學名: Istiophorus albicans

英名: Sailfish

日名: Nishibasho -kajiki



1) 分類特徵

몸은 압축형이며 등지느러미는 긴 돛과같은 형태를 하고있다. 몸의 색깔은 등쪽에 짙은청색을, 몸양측에는 갈색계통의 청색을, 배쪽은 은색계통의 흰색을 띄고 있으며 몸양측에 점선으로된 10 개 이상의 줄이 있다. 제 1 등지느러미는 짙은청색에서 청색계통의 검색을, 기타 지느러미는 갈색계통의 검은 색깔을 나타내고 있다.

2) 他種과의 區分

높고 긴 돛모양을 하고 있는 제 1 등지느러미에 의해 식별이 용이하다. 대양별로 형태는 비슷하나 大西洋産이 印度~太平洋産보다 未成魚

(90 cm) 때에 가슴 및 꼬리지느러미가 더 길다. 이종은 Spearfish (Tetrapturus) 와 비슷하다.

3) 크 기

보통 : 120 ~ 170 cm, 최대 : 250 cm

4) 地理的分布 및 習性

열대 및 온대수역에서 넓게 分布하나 육지연안과 섬주위에서 오히려 높은 豐度를 보인다. 標識放流結果 오히려 洄游範圍가 좁은 것으로 나타나고 있다.

5) 漁業 및 利用

단지 延繩漁業에서 漁獲되며 선어로서 市場판매 및 소세이지 生産에도 이용되고 있다.

아. 녹새치 學名 : Makaira nigricans
英名 : Blue marlin
日名 : Nishikuro-kajiki



1) 分類特徵

則線은 그물모양을 하고 있으며 제 1 등지느러미는 낮고 체목보다는 덜 높다. 가슴지느러미는 몸표면에 부착 될 수 있다. 몸의 색깔은 등쪽에 검은청색을, 배쪽은 은색계통의 황색을 띠고 있으며 제 1 등지느러미는 짙은청색 기타 지느러미는 검은갈색에서 검은청색을 나타내고 있다. 특히 몸양측에 10 개이상의 코발트색 계통의 청색점이 있다.

2) 他種과의 區分

이種은 낮은 제 1 등지느러미를 가지고 있는 것이 타 새치류와 구분이 쉽고 또한 가슴지느러미가 몸표면에 부착 될 수 있는 것이 특징이다.

3) 크 기

보통 : 120 ~ 300 cm, 최대 : 390 cm

4) 地理的分布 및 習性

南緯 350° 에서 北緯 450° 까지 넓게 分布하며 특히 赤道水域에서 높은 豐度를 나타낸다.

5) 漁業 및 利用

延繩漁業에 주로 漁獲되며 魚體를 동결하여 市販하거나 소세이지 용으로도 이용된다.

자. 백새치 및 청새치

백새치 學名 : Tetrapturus albidus

英名 : White marlin

日名 : Nishima kajiki

청새치 學名 : Tetrapturus audax

英名 : Striped marlin

日名 : Makajiki



1) 分類特徵

몸은 적당하게 압축되어 있고 제 1 등지느러미는 앞쪽이 높고 뒷쪽으로 급격히 낮아지고 있다. 항문은 제 1 뒷지느러미 앞쪽에, 제 2 뒷지느러미는 제 2 등지느러미가 위치하고 있는 바로 아래쪽에 있다.

몸의 색깔은 등쪽이 짙은청색, 몸양쪽은 넓은 갈색제통의 은백색이며, 배쪽은 은백색을 각각 띄고 있다. 제 1 등지느러미는 검은청색으로 검은 점들이 흩어져 있으며 타 지느러미는 검은청색에서 검은갈색이다

2) 他種과의 區分

백새치는 大西洋에서만 分布하며 청새치는 印度洋 및 太平洋에 각각 分布하고 있으나 두種의 區分은 매우 어렵다. 이는 항문의 位置 제 1 등지느러미와 제 2 뒷지느러미로서 구분하고 있다. 백새치는 청새치보다 항문이 약간 앞쪽에 위치하고 있으며 또한 지느러미의 형태에서 前者는 둥근모양을 後者는 뾰족한 모양을 나타내고 있다.

3) 크 기

보통 : 120 ~ 170 cm, 최대 : 260 cm

4) 地理的分布 및 習性

백새치는 단지 大西洋과 地中海에만 分布하며 청새치는 印度洋과 太平洋에 分布하면서 45° N에서 40° S 간의 赤道 및 溫帶水域에 나타나고 있다.

5) 漁業 및 利用

延繩漁業에 의해 漁獲되며 동결하여 市販 및 소세이지 제조에 이용되고 있다.

차. 황새치

學名 : Xiphias gladius

英名 : Broadbill Swordfish

日名 : Mekajiki



1) 分類特徵

몸은 등근형태를 하고 있으며 평평하고 긴 부리를 가지고 있고 또한 적고 분리된 등지느러미를 갖고있으나 이빨, 비늘 및 배지느러미가 없다. 중형어 (1 m) 때는 이빨과 비늘이 존재하는것 같으며 등지느러미는 몸의 크기에 따라 변하는것 같다. 몸의 색깔은 등쪽에 갈색계통의 검은색, 배쪽에 옅은갈색을 띄고있고 제 1 등지느러미는 갈색, 기타 지느러미는 갈색에서 검은갈색을 나타내고 있다.

2) 他種과의 區分

윗턱 부분에 긴 부리로서 쉽게 구분된다.

3) 크 기

보통 : 100 ~ 220 cm, 최대 : 450 cm

4) 地理的分布 및 習性

全大洋을 통해 溫帶 및 熱帶水域에서 넓게 分布하며 연안에서도 종종 나타나고 있다. 특히 이種은 대단히 공격적인 習性을 가지고 있어 취급상에 많은 위험이 있다.

5) 漁業 및 利用

延繩漁業 (水平 및 水直) 에 주로 漁獲되며 일부는 작살, trolling에 漁獲되고 있다 漁獲物은 보통 凍結하여 市場에 流通되고 있다



IV. 年度別·大洋別·海區別·魚種別 漁獲量 및 努力量

Catch and effort data by species,
area, Ocean and by year



大 西 洋

Atlantic Ocean

1975 – 1978



1975

월 Month.	해역 Area		낚시수 No. of hooks	계 Total	참다랭이 BFT	와다랭이 YFT	날개다랭이 ALB
	위도 Lat.	경도 Long.					
1	63 00	020	70800	1395		570	106
	63 00	025	60218	957		263	193
	63 00	030	9800	228		78	51
	63 05	015	8540	134		19	46
	63 05	020	17735	311		31	88
	63 05	025	47450	611		165	221
	63 05	030	13850	188		47	69
	63 10	020	5600	83		12	23
	63 10	025	14595	212		31	69
	63 10	030	41964	726		74	405
	64 00	020	15000	241		119	23
	64 00	025	5992	133		66	23
	64 00	030	159470	3329		1306	553
	64 00	035	74156	1713		583	428
	64 00	045	2752	116		12	23
	64 05	020	2200	67		16	23
	64 05	025	43588	889		368	55
	64 05	030	230942	5231		2435	645
	64 05	035	13260	498		210	88
	64 05	040	2200	8			
	64 05	045	70378	1497		420	184
	64 05	050	42769	1009		206	368
	64 05	055	41613	834		251	252
	64 10	020	2200	24		8	9
	64 10	025	2200	19			
	64 10	045	3224	35		8	14
	64 10	050	11680	184		43	92
	64 10	055	8384	142		35	37
	64 30	065	7350	287		27	221
	64 30	070	11830	462	4	27	364

눈다랭이 BET	가다랭이 SKJ	황새치 SWO	녹새치 BUM	백새치 WHM	청새치 STM	돛새치 SAI	기 타 Others
361							358
359							142
95							4
36							33
107							85
131							94
56							16
28							20
63							49
117							130
30							69
16							28
652				66			753
252				80			370
12							69
4							24
297	51						118
1533				26			594
167							33
8							
375				62			456
147				40			248
119				66			145
							7
8							11
6							7
20				11			18
6				33			33
2				4			33
2				7			58

월 Month.	해역 Area		낚시수 No. of hooks	계 Total	참다랭이 CHT	황다랭이 YHT	날개다랭이 ALB
	위도 Lat.	경도 Long.					
2	63 00	010	10360	446		138	115
	63 00	015	11795	236		31	92
	63 05	020	63888	1450		548	78
	63 05	030	18640	656		200	180
	64 00	010	37280	377		218	
	64 00	015	15120	219		97	32
	64 00	020	107312	2081		1033	203
	64 00	025	116265	2342		1114	212
	64 00	030	37424	748		218	69
	64 00	035	38638	703		358	120
	64 05	010	2300	34		16	14
	64 05	015	3392	28			
	64 05	020	89512	1133		813	55
	64 05	025	101397	1719		753	221
	64 05	030	104710	1907		1000	179
	64 05	040	2200	651		10	14
	64 05	050	6700	90		37	18
	64 05	055	2300	63		14	9
	64 10	015	77776	1532		78	
	64 10	020	27090	583		189	23
	64 10	025	4400	59		21	14
	64 10	030	29600	634		198	55
	64 10	055	2200	33		10	9
	64 15	020	2928	73			23
	64 30	070	66930	2162	5	253	1534
3	63 00	010	21550	515		181	101
	63 00	015	69072	1446		679	37
	63 00	020	93896	2036		967	64
	63 00	025	5920	136		29	
	64 00	010	10900	281		169	14

눈다랭이 BET	가다랭이 SKJ	황새치 SWO	녹새치 BUM	백새치 WHM	청새치 STM	돛새치 SAI	기 타 Others
182				3			8
52							61
559							265
252				4			20
143				4			12
75				3			12
567				22			256
595				55			366
143				37			281
125				15			85
4							
							28
2				11			252
502				11			232
486				22			220
623							4
2							33
20							20
1120				4			330
327				3			41
8							16
268				3			110
2							12
26							24
22				39			309
184							49
385	51			66			228
545	49			37			374
50							57
50				7			41

월 Month.	해역 Area		낚시수 No. of hooks	계 Total	참다랭이 BFT	황다랭이 YFT	날개다랭이 ALB
	위도 Lat.	경도 Long.					
3	64 00	015	147980	2930		1552	78
	64 00	020	344685	5377		2561	212
	64 00	025	9050	110		62	
	64 00	030	3450	65		31	
	64 05	015	6400	63		45	
	64 05	020	51592	776		354	14
	64 05	025	16940	209		76	5
	64 05	030	3040	22			
	64 10	015	46016	1054		62	
	64 10	020	4500	81		10	18
	64 10	025	6160	40			
	64 10	030	13200	137		33	46
	64 10	035	2200	23		4	9
	64 10	040	4400	48		10	14
	64 10	045	4600	6		14	23
	64 10	050	26400	317		82	97
	64 10	055	13200	162		47	37
	64 15	015	33840	633			9
	64 25	020	12664	74			14
	64 30	070	64400	1806		204	1340
4	63 00	015	41260	909		434	60
	63 00	020	201096	2984		1056	115
	63 00	025	122800	2017		757	69
	63 05	020	14600	218		146	5
	63 10	020	3000	55		35	
	63 15	020	18000	328		150	9
	63 20	020	9000	135		80	4

눈다랭이 BET	가다랭이 SKJ	황새치 SWO	녹새치 BUM	백새치 WHM	청새치 STM	돛새치 SAI	기 타 Others
716				47			537
1582				37			985
40				4			4
18							16
6							12
278							130
67				*			61
18				4			
918	50						24
12							41
32							8
30							28
10							
8							16
12							16
69							69
4				4			70
551							73
32							28
16				47			199
196				3			216
787				4			1022
468				7			716
26							41
8							12
63							106
18							33

월 Month.	해역 Area		낚시수 No. of hooks	계 Total	참다랭이 BFT	황다랭이 YFT	날개다랭이 ALB
	위도 Lat.	경도 Long.					
4	64 00	02 0	118500	1810		772	88
	64 00	02 5	20008	274		84	14
	64 00	03 0	14280	163		54	5
	64 05	01 5	9520	85		41	
	64 05	02 0	75800	1133		375	23
	64 05	02 5	17000	525		148	4
	64 05	03 0	30160	876		224	143
	64 10	01 5	56700	1581		465	18
	64 10	02 0	22668	158		19	14
	64 10	02 5	8860	75		21	4
	64 10	03 0	13948	173		16	23
	64 10	03 5	21176	181		25	51
	64 10	04 0	29136	375		60	143
	64 10	04 5	15400	260		43	83
	64 10	05 0	13200	222		41	64
	64 10	05 5	61300	1392		292	516
	64 15	02 0	19040	246		89	23
	64 25	02 0	6400	114			41
	64 30	07 0	69020	2164	18	311	1437
5	63 00	01 5	12790	207		99	9
	63 00	02 0	371128	1772		578	97
	63 00	02 5	19740	244		84	8
	63 00	03 0	5600	73		19	
	63 05	00 5	28800	870		18	83
	63 05	01 0	54400	1876		142	166
	63 05	02 0	2800	41		31	
	63 05	02 5	8260	115		60	5
	64 00	01 5	34300	532		307	14
	64 00	02 0	8376	124		66	
	64 00	02 5	36548	459		152	32

눈다랭이 BET	가다랭이 SKJ	환 새 치 SWO	녹 새 치 BLM	백 새 치 WHM	청 새 치 STM	돛 새 치 SAI	기 타 Others
516				11			423
91							85
59							45
36							8
401							334
117							256
163							346
333							765
97							28
42							8
77							57
101							4
107							65
32							102
36							81
173							411
				4			130
12							61
22				55			321
50							49
483				15			594
87							65
26							28
260							509
446				11			1111
6							4
30							20
105				4			102
34							24
117				3			155

월 Month.	해역 Area		낚시 수 No. of hooks	계 Total	참다랭이 BFT	황다랭이 HFT	날개다랭이 ALB
	위도 Lat.	경도 Long.					
5	64 00	030	14140	208		65	9
	64 00	035	17580	261		68	23
	64 00	040	12368	128		19	28
	64 00	045	3120	23		23	
	64 05	015	130840	1360		482	37
	64 05	020	43640	306		136	
	64 05	025	105941	1638		667	55
	64 05	030	77285	1097		356	88
	64 05	035	18000	181		51	51
	64 05	045	79356	1213		325	313
	64 10	015	60760	720		64	
	64 10	020	34960	257		47	
	64 10	025	15488	118		27	
	64 10	030	15520	179		56	
	64 10	045	4300	42		6	
	64 10	050	4400	61		19	14
	64 10	055	50000	840		202	193
	64 15	025	3000	38		14	
	64 15	055	2000	25			5
	64 20	020	2560	28			14
	64 25	070	23380	597		144	336
	64 30	070	20090	548	2	8	419
6	62 05	005	28280	923			5
	62 10	005	6240	161			
	63 05	025	2660	40		14	4
	63 10	000	3200	52		2	
	64 00	015	26320	273		148	9

눈다랭이 BET	가다랭이 SKJ	황새치 SWO	녹새치 BUM	백새치 WHM	청새치 STM	돛새치 SAI	기 타 Others
73							61
85							85
16							65
607				10			224
101							69
498				3			415
353				11			289
59							20
188							387
518							138
161							49
50				4			37
63				7			53
8							36
123				5			20
8							317
							16
							20
10							4
22				18			77
10				11			98
385							533
67							94
18							4
17							33
71							45

월 Month.	해역 Area		낚시수 No. of hooks	계 Total	참다랭이 BFT	완다랭이 YFT	날개다랭이 ALB
	위도 Lat.	경도 Long.					
6	64 00	020	25340	344		179	4
	64 00	025	26600	190		117	5
	64 00	030	44600	669		397	28
	64 00	035	24062	331		169	14
	64 00	040	27512	533		202	147
	64 00	045	28080	454		126	115
	64 05	015	28560	379		149	18
	64 05	020	31400	341		146	23
	64 05	025	164700	2132		1097	41
	64 05	030	97160	1347		601	18
	64 05	035	34580	592		239	9
	64 05	040	28280	440		179	18
	64 05	045	20376	231		80	101
	64 10	020	6400	101		8	
	64 10	025	2728	10			
	64 10	030	20120	293		16	152
	64 10	035	64700	888		204	396
	64 10	040	69530	1559		169	1069
	64 10	045	21600	528		47	401
	64 10	050	3600	67		31	32
	64 15	045	55350	664		263	198
	64 15	055	14960	189		29	134
	64 20	070	11620	488		165	221
	64 25	070	9580	324		60	152
7	62 00	000	9808	207			
	62 05	000	50832	1159			
	62 05	005	9912	203			
	64 00	030	14940	265		154	14
	64 00	035	5090	71		45	

눈다랭이 BET	가다랭이 SKJ	황새치 SWO	늑새치 'BUM	백새치 WHM	청새치 STM	돛새치 SAI	기 타 Others
59							102
48				4			16
131				7			106
40				3			105
42							142
87							126
131							81
103							69
353				18			623
359				7			362
230							114
145							98
34							16
65							28
10							
69				15			41
149				33			106
127				47			147
24				7			49
4							
113							90
6							20
26				15			61
14				18 18			77 77
87							114
508							651
81							122
32							65
10							16

월 Month.	해역 Area		낚시수 No. of hooks	계 Total	참다랭이 BFT	황다랭이 YFT	날개다랭이 ALB
	위도 Lat.	경도 Long.					
7	64 05	020	44336	463		317	
	64 05	025	243502	2946		1647	55
	64 05	030	264204	3340		1885	51
	64 05	035	8400	265		31	143
	64 05	050	12460	243		91	23
	64 10	020	21544	217		95	9
	64 10	025	69844	724		342	5
	64 10	030	152768	1743		862	28
	64 10	035	29600	265		91	83
	64 10	040	104580	1740		443	663
	64 10	045	82270	1454		432	479
	64 10	050	42750	358		181	74
	64 15	015	4400	46		16	14
	64 15	020	11200	93		35	46
	64 15	025	12384	55		23	
	64 15	030	2200	23		10	9
	64 15	040	8400	109		54	5
	64 15	045	8250	99		31	14
	64 15	055	4400	40		10	18
8	62 00	005	13456	326			143
	62 05	000	3304	91			
	62 05	005	20264	552			
	64 00	025	29800	452		284	14
	64 05	020	28960	341		150	23
	64 05	025	71720	846		473	28
	64 05	030	178470	3113		1935	166
	64 05	035	33140	481		210	37
	64 05	040	6600	84		74	
	64 05	045	11500	339		136	36
	64 05	050	96210	1833		774	244
	64 10	015	4600	40		6	18

눈나랭이 BET	가다랭이 SKJ	황새치 SWO	녹새치 BUM	백새치 WHM	청새치 STM	돛새치 SAI	기 타 Others
20							90
582				26			635
650				11			737
42							49
40				4			85
50							57
198							179
420							427
54							37
313							321
195							248
34							69
							16
							12
20							12
							4
30							20
38							16
							16
							183
30							61
226							326
50							85
8							81
147				15			183
490				15			501
149							85
10							
58				7			102
250				44			521
12							4

월 Month.	해역 Area		낚시수 No. of hooks	계 Total	참다랭이 BFT	화다랭이 BFT	날개다랭이 ALB
	위도 Lat.	경도 Long.					
8	64 10	020	37520	333		150	51
	64 10	025	177186	1921		1068	9
	64 10	030	110868	1385		811	32
	64 10	035	91800	824		408	134
	64 10	040	4600	36		16	
	64 10	050	4700	47		21	14
	64 15	020	24008	104		16	64
9	62 00	000	13536	328			
	63 00	025	14400	188		19	41
	63 00	030	16940	224		72	23
	64 00	020	6176	92		6	14
	64 00	025	24404	287		66	32
	64 00	030	23880	300		101	55
	64 00	035	15736	253		73	28
	64 00	040	11690	286		77	37
	64 00	045	21280	494		170	64
	64 05	010	4400	50		4	4
	64 05	015	4600	63		4	5
	64 05	020	52920	631		276	37
	64 05	025	79936	991		399	97
	64 05	030	84648	1109		366	124
	64 05	035	123740	2017		1043	215
	64 05	040	27240	640		151	74
	64 05	045	118236	1236		683	182
	64 05	050	19160	179		78	28
	64 10	020	28280	352		161	28
	64 10	025	41280	417		249	9
	64 10	030	117700	1566		834	23
	64 10	035	13700	161		76	
10	63 00	005	4400	39			23
	63 00	010	2200	26			18

눈다랭이 BET	가나랭이 SKJ	황새치 SWO	녹새치 BUM	백새치 WHM	청새치 STM	돛새치 SAI	기 타 Others
63							69
496				22			326
303				7			232
153							134
8							12
12							
							24
149							179
67				4			57
52							77
24				3			45
83							106
48				11			85
26				4			102
40				12			98
71				18			162
8				5			28
22				8			24
133				18			151
143				22			330
305	51			11			252
357				15			362
87				22			224
186				7			208
30				4			41
81							81
83				11			65
345				18			346
40							45
8							8
4							4

월 Month.	해역 Area		낚시수 No. of hooks	계 Total	참다랭이 BFT	완다랭이 YFT	날개다랭이 ALB
	위도 Lat.	경도 Long.					
10	63 00	020	4400	46			20
	63 00	025	23660	371		10	170
	63 00	030	8400	102		37	15
	63 00	035	2300	36			10
	63 00	040	2200	25			8
	63 05	005	2200	21			15
	63 05	015	23710	405		117	101
	63 05	020	27680	380		62	88
	63 05	025	38440	467		119	98
	63 05	030	5750	60		23	9
	63 10	005	2200	32			14
	63 10	010	11200	124		4	74
	63 10	015	27304	439		12	193
	63 10	020	11768	203		8	69
	63 10	025	105240	1876		82	935
	63 10	035	2300	28			14
	63 15	005	2200	15			5
	63 15	010	4400	52		2	32
	63 15	015	2200	33		3	14
	63 15	030	22240	916		134	359
	63 15	035	27590	1322		103	571
	64 00	005	3200	10			
	64 00	020	18680	297		198	5
	64 00	025	9856	132		6	9
	64 00	035	12224	250		169	18
	64 00	040	8712	113		49	
	64 00	045	2200	8			4
	64 05	015	6500	175		70	28
	64 05	020	54300	869		418	106
	64 05	025	20300	197		76	23
	64 05	030	28600	230		140	
	64 05	035	2800	4		2	
	64 05	040	55016	863		399	18

눈다랭이 BET	가다랭이 SKJ	황새치 SWO	녹새치 BUM	백새치 WHM	청새치 STM	돛새치 SAI	기 타 Others
10							16
99				7			85
34							16
2							24
8							9
1							5
69				4			114
85				3			142
127				5			118
20							8
12							6
18				8			20
26							208
12							114
297				37			525
4							10
5							5
10							8
							16
46				263			114
42				431			175
6							4
38				7			49
52							65
26				4			33
22				5			37
							4
36							41
133				4			208
65							33
48				5			37
2							
337				15			94

월 Month.	해역 Area		낚시수 No. of hooks	계 Total	참다랭이 BFT	와다랭이 YFT	날개다랭이 ALB
	위도 Lat.	경도 Long.					
10	64 05	045	28385	568		224	78
	64 05	050	19230	467		161	60
	64 05	055	20790	492		167	64
	64 10	020	12400	55		12	5
	64 10	025	42400	455		161	41
	64 15	015	3200	8			
	64 15	025	14400	156		54	23
	64 20	015	92680	2463		56	299
	64 20	025	3200	16			6
	64 25	020	3200	10			
	64 30	020	6400	18			4
11	62 00	000	16000	38		23	
	63 00	000	11800	84		4	14
	63 00	005	22600	158		14	41
	63 00	010	6400	36		8	
	63 00	025	11416	138		14	32
	63 00	030	11128	212		33	88
	63 05	000	19200	149		2	
	63 05	015	20580	504		10	101
	63 05	020	2400	39		2	23
	63 05	025	32192	482		16	198
	63 00	015	10220	196		41	45
	63 00	020	71048	1524		80	788
	63 00	025	41400	696		31	350
	63 00	030	24950	517		101	152
	63 00	035	8320	238		29	83
	63 05	020	7312	185		4	106

눈다랭이 BET	가다랭이 SKJ	황새치 SWO	녹새치 BUM	백새치 WHM	청새치 STM	돛새치 SAI	기 타 Others
73				18			195
63				16			167
65				17			179
22							16
141							110
4							4
46							33
96.4				4			1140
6							4
2							8
10							4
24							41
58							8
59				7			37
16							12
40				11			41
32				18			41
123							24
71				4			118
2							12
95				18			155
36				4			69
97				5			554
12.9				15			171
46				55			163
6				51			69
2							73

월 Month.	해역 Area		낚시수 No. of hooks	계 Total	참다랭이 BFT	완다랭이 YFT	날개다랭이 ALB
	위도 Lat.	경도 Long.					
11	63 15	030	15890	362		16	143
	63 15	035	8220	202		15	60
	64 00	000	2200	21		4	5
	64 00	005	2200	42			18
	64 00	020	46340	560		249	180
	64 00	025	19000	223		68	64
	64 00	030	35660	533		148	179
	64 00	035	19744	243		150	23
	64 00	040	2880	47		27	
	64 00	045	2200	21			14
	64 05	015	5400	43		12	15
	64 05	020	30880	504		169	98
	64 05	025	2200	17			9
	64 05	030	12432	221		33	120
	64 05	050	5760	25		8	
	64 10	015	4900	105		31	23
	64 10	020	15640	236		50	51
	64 10	025	39920	538		45	37
	64 10	030	3200	30		4	
	64 10	040	2200	26			18
	64 10	055	26880	648		243	101
	64 15	015	2300	41			23
	64 15	020	2300	38			14
	64 15	025	41080	645		45	281
	64 15	030	25620	328		117	69
	64 15	055	22610	524		198	70
	64 20	015	130528	2852	2	89	350
	64 20	030	7800	67			51
	64 20	035	9000	88			60
	64 20	040	3400	31			23
	64 20	050	9000	77			55
	64 25	015	2200	30			14

눈다랭이 BET	가다랭이 SKJ	황새치 SWO	녹새치 BUM	백새치 WHM	황새치 STM	돛새치 SAI	기 타 Others
8				73			122
16				58			53
4							8
12							12
48							183
46							45
85				11			110
22				15			33
4				4			12
3							4
8							8
121							126
4							4
40				4			24
2				3			12
18							33
48							77
391							65
18							8
8							
95				22			187
2							16
16							8
174				7			18
81							61
79				16			159
1524							387
12							4
8							20
8							
14							8
8				4			4

월 Month.	해역 Area		낚시수 No. of hooks	제 Total	참다랭이 BFT	황다랭이 YFT	날개다랭이 ALB
	위도 Lat.	경도 Long.					
11	64 25	020	4400	57		2	23
	64 25	025	4400	44		2	14
	64 25	030	2200	28		4	18
	64 25	045	2200	9			9
	64 25	050	2200	27		2	9
	64 30	035	5768	102		4	78
	64 30	045	13584	236		2	189
12							
	63 00	015	3000	51		14	5
	63 00	020	18000	308		78	32
	63 00	030	18552	291		113	41
	63 00	035	26335	560		251	74
	63 05	015	3000	36		10	
	63 05	020	54080	694		200	136
	63 05	025	52300	853		261	147
	63 05	030	5600	142		31	46
	63 10	020	30300	545		86	189
	63 10	025	21700	338		80	69
	63 10	030	2800	33		14	5
	64 00	020	9800	272		161	39
	64 00	030	96568	2213		1015	415
	64 00	035	38648	898		488	143
	64 00	040	8504	103		37	18
	64 05	020	29430	548		206	111
	64 05	025	79720	1140		603	83
	64 05	030	56816	1026		478	166
	64 05	050	27880	91		43	28
	64 05	055	5440	144		101	9
	64 10	025	25768	187		21	
	64 10	030	6400	32		4	
	64 10	055	5760	682		521	51

눈다랭이 BET	가다랭이 SKJ	황새치 SWO	녹새치 BUM	백새치 WHM	청새치 STM	돛새치 SAI	기 타 Others
8				4			20
12							16
6							
8							8
4				4			12
8				4			33
16				4			12
77				7			114
42				22			73
61				80			94
14							12
155				4			199
178				11			256
12							53
83							187
79							110
10							4
61				7			4
248				128			407
153				33			81
6				18			24
121							110
290							155
226				18			138
8				4			8
18				4			12
113							53
20							8
21				44			45

월 Month.	해역 Area		낚시수 No. of hooks	계 Total	참다랭이 BFT	와다랭이 BFT	날개다랭이 ALB
	위도 Lat.	경도 Long.					
12	64 15	020	17160	335		2	161
	64 15	025	16960	368		12	157
	64 15	065	31200	1261		644	253
	64 20	015	13400	145		7	101
	64 20	025	3400	26		3	23
	64 20	035	6800	62			46
	64 20	050	3400	35		2	23
	64 20	065	31200	167		156	479
	64 20	070	14400	453		140	193
	64 25	010	13650	141		2	101
	64 25	015	3450	27		3	18
	64 25	020	6900	60			51
	64 25	025	3450	23			18
	64 25	035	13750	134			102
	64 25	050	2560	21		3	18
	64 30	010	14750	127		16	88
	64 30	020	11300	36			37
	64 30	025	22800	214		4	147
	64 30	030	13500	92		5	41
	64 30	040	4400	62			32
	64 30	045	2200	25			9
	64 30	050	2300	34			14
	64 30	055	49914	1041		27	921
	64 30	060	5360	124		6	106
	64 30	065	20104	790		2	755
	64 35	010	4400	56		2	32
	64 35	020	2200	29		3	18
	64 35	025	8800	69			37
	64 35	035	4400	30			23
	64 35	040	2200	33		4	18
	64 35	050	8800	90		6	46
	64 35	055	2200	22		14	
	64 35	060	17780	675		35	571

눈다랭이 BET	가다랭이 SKJ	황새치 SWO	녹새치 BUM	백새치 WHM	청새치 STM	돛새치 SAI	기타 Others
119							53
167				4			28
8				128			228
18							24
4							12
2							8
4				41			204
2				4			114
14							24
2							4
6							3
2							5
12							20
							4
13							16
16				4			28
34				5			24
16							20
14							16
8				4			4
8							12
12							81
							12
9							24
14							8
4							4
8				4			20
4							3
6							5
22							16
							8
8				4			57



1976

월 Month.	해역 Area		낚시수 No. of hooks	계 Total	참다랭이 BFT	완다랭이 YFT	날개다랭이 ALB
	위도 Lat.	경도 Long.					
1	61 00	000	6780	23		2	
	61 05	000	3390	20		20	
	63 00	000	11200	124		52	49
	63 00	005	134400	1955		975	117
	63 00	010	146500	2667		1014	205
	63 00	015	140200	2486		1180	180
	63 00	020	44800	746		359	107
	63 00	025	198400	3777		875	1537
	63 00	030	109200	1875		616	483
	63 05	010	80300	449		155	
	63 05	015	81000	512		257	
	63 05	025	61600	611		409	88
	63 05	030	39200	704		334	161
	64 00	025	156800	2794		1209	546
	64 00	030	210000	3857		1164	868
	64 00	035	131500	1896		796	434
	64 00	040	47700	216		77	54
	64 00	045	33600	463		282	68
	64 05	020	64400	1132		539	161
	64 05	025	28000	446		155	107
	64 05	030	114800	2555		802	498
	64 05	040	36400	452		409	
	64 05	045	19600	253		232	
	64 05	050	16800	342		232	
	64 10	025	28000	325		77	
	64 30	030	33600	443		52	215
	64 30	040	33600	1299		25	1160
	64 30	055	22400	355		25	273
	64 30	060	39200	1186		25	1112
	64 35	035	16800	259			185
	64 35	040	16800	434			370

눈다랭이 BET	가다랭이 SKJ	황새치 SWO	녹새치 BUM	백새치 WHM	청새치 STM	돛새치 SAI	기 타 Others
10							11
23							
490		154	23				196
1290		135	23				
775		192		29			130
163		19					98
1021		78		119			147
444							332
294							
163		38					54
95		19					
209							
970		57	12				
1454		78					293
581							85
48							37
48							65
281							151
70							114
1110		19	12				114
43							
21							
110							
248							
70							106
23							85
							57
							49
74							
48							16

월 Month.	해역 Area		낚시수 No. of hooks	계 Total	참다랭이 BFT	황다랭이 YFT	날개다랭이 ALB
	위도 Lat.	경도 Long.					
2	63 00	000	72 400	1570		618	54
	63 00	005	112500	2607		1341	59
	63 00	010	151200	2144		1002	117
	63 00	015	36400	630		334	44
	63 00	020	70000	1320		461	220
	63 05	005	50400	1007		516	
	63 05	010	112000	1949		900	
	64 00	000	62000	1038		693	
	64 00	005	61100	976		568	
	64 00	010	33600	272		205	
	64 00	015	61600	1354		721	190
	64 00	020	53200	715		334	
	64 00	025	33600	671		232	54
	64 00	030	30800	428		155	107
	64 00	035	78400	973		307	268
	64 00	045	14000	216		77	54
	64 05	020	106400	1614		693	215
	64 05	025	56000	1044		361	54
	64 05	040	16800	289		127	68
	64 05	045	58800	1858		616	434
	64 05	050	19600	405		307	98
	64 10	025	16800	159			
	64 10	030	16800	194		77	39
	64 15	025	39200	725		52	166
	64 20	015	22400	355		102	93
	64 20	020	33600	1082		389	137
	64 20	025	8400	148		52	88
	64 25	015	33600	357		25	215
	64 25	020	38500	588		25	380
	64 25	025	90300	2078		77	1449
	64 25	030	53200	1307			917

눈다랭이 BET	가다랭이 SKJ	황새치 SWO	녹새치 'BUM	백새치 WHM	청새치 STM	돛새치 SAI	기 타 Others
604		78					216
695		97					415
651		97					277
141		19		23			69
374							265
393		57					41
626		57					366
304							41
370		38					
48		19					
370		38					45
281		19					81
186							199
93							73
256							142
48							37
397							309
370		19					240
70							24
397							411
118							41
70							8
445		38					24
118		38					4
347		38					171
							8
93							24
93							90
412							134
300							90

월 Month.	면적 Area		낚시수 No. of hooks	계 Total	참다랭이 BFT	하나랭이 YFT	남개다랭이 ALL
	위도 Lat.	경도 Long.					
2	64 25	055	62 000	1427		102	961
	64 25	060	85000	1363		127	912
	64 30	025	19600	500			385
	64 30	030	53200	853		232	483
	64 30	045	56000	1374		25	1259
	64 30	050	16800	363		25	322
	64 30	055	125600	3141		307	2078
	64 30	060	150200	3979		364	1844
3	61 00	000	12660	1040		62	
	62 00	000	6330	75		25	
	62 00	005	8438	48		25	
	62 00	005	34330	316		330	54
	62 30	000	157200	2520		1391	205
	62 00	010	131200	2770		770	112
	62 00	010	140500	3330		5	15
	62 30	015	165200	1899		134	54
	62 00	025	148400	3399		1201	215
	62 00	025	19600	513		364	5
	63 05	000	33600	533		359	
	63 05	010	33100	351		180	20
	64 00	000	3165	25		25	
	64 00	005	28000	396		282	54
	64 00	010	72800	925		539	24
	64 00	015	58800	1281		1077	
	64 00	020	119200	2241		1002	68
	64 00	025	76800	1331		593	
	64 05	020	39200	552		232	190
	64 00	010	19600	322		155	49
	64 00	015	11200	95		25	

눈다랭이 BET	가나랭이 SKJ	황 새 치 SWO	녹 새 치 BUM	백 새 치 WIM	청 새 치 STM	돛 새 치 SAI	기 타 Others
230							134
230							94
70							45
93							45
							90
							16
577							179
436							415
48				46			
48							
23							
141		57					37
811		116					73
765		57					69
463		154					317
951		116					444
767		232					269
70		19					37
93							81
48		38					65
23							37
141		38					183
163							41
626		38	35				472
463		19	12				244
118			12				
118							
70							

월 Month.	해역 Area		낚시수 No. of hooks	계 Total	참다랭이 BFT	황다랭이 YFT	날개다랭이 ALB
	위도 Lat.	경도 Long.					
3	64 10	02 0	19600	186			
	64 20	02 0	44800	1618		257	663
	64 25	015	19600	387			327
	64 25	02 0	50400	1104		52	707
	64 25	025	25200	716			522
	64 25	040	16800	289			273
	64 25	055	30800	488		77	380
	64 30	025	44800	1061			624
	64 30	045	70000	1404		102	922
	64 30	055	138500	2913		180	1498
	64 30	060	68700	1453		52	1195
	64 30	065	36400	752		52	644
	64 30	075	8400	256		52	112
	64 35	050	75600	4168		282	3556
	64 35	055	96000	1136			1068
	64 35	060	63600	1071		52	746
	64 35	065	22400	555		25	493
4	62 00	000	28000	540		127	83
	63 00	000	40520	362		232	44
	63 00	005	3165	6			
	63 00	010	30800	424		205	
	63 00	015	98000	1634		948	63
	63 00	020	109200	1413		768	273
	63 00	025	81000	1110		516	29
	64 00	010	39200	673		180	107
	64 00	015	44800	589		409	54
	64 00	020	147790	2013		977	
	64 00	025	81400	1094		457	34
	64 00	030	86800	1872		1206	59
	64 05	015	83500	805		564	

눈다랭이 BET	가다랭이 SKJ	황새치 SWO	녹새치 BUM	백새치 WHM	청새치 STM	돛새치 SAI	기 타 Others
186							
234							464
48							12
325							20
141							53
							16
23							8
347							90
254							126
897							338
23							183
23							33
23							69
							330
23							45
							273
							37
118		78					134
70			12				4
			6				
141		78					
234		116					273
141		133					98
370		57					138
256		57					73
70		19					37
697		135					204
393		116					94
256		116					236
141		19					81

월 Month.	해역 Area		낚시수 No. of hooks	계 Total	참다랭이 BFT	와다랭이 YFT	남개다랭이 ALB
	위도 Lat.	경도 Long.					
4	64 05	020	12 1500	2376		1409	107
	64 05	025	1456 00	1498		923	
	64 05	030	56000	653		461	
	64 05	035	112 00	225		155	
	64 05	050	70000	993		282	380
	64 10	015	45300	405		205	39
	64 10	020	476 00	944		286	15
	64 10	025	1165 00	2132		1132	59
	64 10	040	252 00	354		155	39
	64 10	050	405 00	774		77	590
	64 10	055	715 00	2043		102	1820
	64 15	020	16800	163			
	64 15	050	2800	49			49
	64 15	055	476 00	798		77	376
	64 20	050	84 00	146			146
	64 25	045	10550	264		25	215
	64 25	050	90250	2680		102	2332
	64 25	055	28000	645		77	478
	64 30	030	84000	2265			1878
	64 30	035	47600	678		25	610
	64 30	040	47600	996			922
	64 30	045	30800	470			385
	64 30	050	33600	919		102	468
	64 30	055	532 00	1358		52	1249
	64 35	045	33600	674			585
	64 35	050	1064 00	2353		52	2054
	64 35	055	392 00	757		52	571
	64 35	060	5600	279			166
5	63 00	000	16800	250		180	
	63 00	020	22400	127		127	
	63 00	025	942 00	1086		693	

눈나랭이 BET	가나랭이 SKJ	황새치 SWO	녹새치 BUM	백새치 WHM	청새치 STM	돛새치 SAI	기 타 Others
445		57					358
515		19					41
70							122
70							
141		19					171
93		19					49
370							273
626		38					277
70							90
70							37
93							28
163							
48							297
							24
118		38					90
							90
163							224
23							20
70							4
							85
48							301
							57
48							41
48							199
							134
48							65
70							
211		19					163

월 Month.	해역 Area		낚시수 No. of hooks	계 Total	참다랭이 BFT	황다랭이 YFT	날개다랭이 ALF
	위도 Lat.	경도 Long.					
5	63 00	030	68560	725		336	20
	63 05	015	30800	595		102	112
	63 05	020	22400	593		52	107
	64 00	000	16800	307		25	161
	64 00	015	11200	195		77	
	64 00	020	28000	261		127	
	64 00	025	62980	1102		264	5
	64 00	030	163050	2319		1189	595
	64 00	035	124090	1873		852	273
	64 00	040	14000	186		25	54
	64 00	045	14000	438			390
	64 00	050	19600	165		52	10
	64 05	010	63360	768		259	88
	64 05	015	98880	958		466	254
	64 05	020	106945	1148		541	161
	64 05	025	100760	1705		521	376
	64 05	030	151780	2064		314	980
	64 05	035	109480	1552		239	707
	64 05	040	64400	938		359	478
	64 05	045	28400	590		232	268
	64 05	050	62410	774		286	254
	64 05	055	53200	740		282	380
	64 10	020	49645	539		259	
	64 10	030	102440	1271		286	541
	64 10	035	25100	366		25	54
	64 10	045	30800	464		102	220
	64 10	050	70000	885		205	380
	64 10	055	98000	2533		616	1746
	64 15	020	5600	48			44
	64 15	035	11200	268		25	195
	64 15	040	14000	436		25	380
	64 15	045	53200	932		232	541
	64 15	055	30800	635		52	434

눈다랭이 BET	가다랭이 SKJ	황새치 SWO	녹새치 BUM	백새치 WHM	청새치 STM	돛새치 SAI	기타 Others
141							228
211		19					151
141	220						73
93							28
118							
93							41
118	380	19	35				281
122		159	9				195
213		192	1				342
70							37
48							
70							33
331							90
167		38					33
74	220	78		46			28
338	420	38					12
256		57	35	92			330
213	160	125	6				102
93							8
70							20
163		38					33
70							8
234				46			
145		16	2				281
50	200						37
							142
48							252
163							8
							4
48							
23							8
							159
23							126

월 Month.	해역 Area		낚시수 No. of hooks	계 Total	참다랭이 BFT	황다랭이 YFT	날개다랭이 ALB
	위도 Lat.	경도 Long.					
	64 15	065	11200	135		25	34
	64 20	025	30800	280		257	
	64 20	030	11200	106		25	
	64 20	035	11200	123		25	98
	64 25	025	19600	1362		52	1234
	64 30	030	154000	2910		52	2468
	64 35	040	19600	567			434
	64 35	045	11200	262			215
	63 00	000	72800	748		359	161
	63 00	020	19600	416		52	88
6	63 00	025	139640	1928		1305	327
	63 05	015	22400	493		52	127
	63 05	020	28000	579		102	220
	63 05	025	70000	1097		436	278
	64 00	015	14000	147		77	
	64 00	020	47600	354		102	44
	64 00	025	174020	2475		1328	322
	64 00	030	173350	1843		1143	88
	64 00	035	170660	2621		1223	483
	64 00	040	140050	1901		873	498
	64 00	045	36400	508		307	54
	64 05	010	40360	434		227	
	64 05	015	90570	863		407	
	64 05	020	77575	605		252	59
	64 05	025	194940	2417		1223	161
	64 05	030	125820	1580		736	312
	64 05	035	125720	1391		762	268
	64 05	040	14000	125		77	
	64 05	045	113990	1509		611	463

눈다랭이 BET	가나랭이 SKJ	황새치 SWO	녹새치 BUM	백새치 WHM	청새치 STM	돛새치 SAI	기 타 Others
23							53
23							81
48							28
374							16
48							85
23							24
118							110
186							90
186		98					12
116		19					179
186		51					20
304		67					12
70							
163							45
445		38					342
531		19	54				8
533			12				370
397			100				33
70							77
207							
418		38					
207						54	33
533	200	97	12				191
304							228
300							61
48							
211							224

월 Month.	해역 Area		낚시수 No. of hooks	계 Total	참다랭이 BFT	황다랭이 YFT	날개다랭이 ALB
	위도 Lat.	경도 Long.					
6	64 10	02 0	55100	523		382	
	64 10	02 5	110300	1366		641	107
	64 10	03 0	75160	615		280	
	64 10	03 5	105700	1698		384	605
	64 10	04 0	53200	1192		52	815
	64 10	05 0	44800	898		127	546
	64 10	06 0	30800	357		127	
	64 15	03 5	53200	1053		25	868
	64 15	04 0	33600	695		25	468
	64 15	04 5	16800	338			322
	64 15	05 0	151200	3515		359	2507
	64 15	05 5	137200	2644		180	2102
	64 15	06 0	56000	1278		25	956
	64 15	06 5	50400	929		127	668
	64 20	03 0	14000	479			434
	64 30	04 0	50400	1192			1010
	64 35	04 5	14000	243		25	195
7	63 00	02 5	14000	125		102	
	63 00	03 0	81600	1581		361	649
	63 00	03 5	65400	1561		311	868
	63 00	04 5	33600	1663		102	1244
	64 00	01 0	11200	258		25	98
	64 00	02 5	170000	2837		1080	590
	64 00	03 5	61600	859		384	161
	64 00	04 0	153000	4451		1137	2551
	64 00	04 5	106400	2445		850	1029
	64 05	02 0	53200	1395		307	502
	64 05	02 5	160400	2960		1798	595
	64 05	03 0	167600	4581		1648	2078
	64 05	03 5	128800	2382		796	1088
	64 05	04 0	89600	2399		1025	1054

눈다랭이 BET	가다랭이 SKJ	황새치 SWO	녹새치 BUM	백새치 WHM	청새치 STM	돛새치 SAI	기 타 Others
141							
304		78					236
254							81
440							269
141		38	12				134
70							155
48		19					163
70							90
23							179
							16
234							415
							362
118							179
							134
							45
48							134
23							
23							
352		17	11				191
211							171
93							224
118		17					
608		197					362
163							151
653							110
163							408
256		17					313
445		89					33
771		35	33				16
445							53
304							16

월 Month.	해역 Area		낚시수 No. of hooks	계 Total	참다랭이 BFT	황다랭이 YFT	날개다랭이 ALB
	위도 Lat.	경도 Long.					
7	64 05	045	812 00	1075		693	161
	64 05	050	30800	695		461	141
	64 10	020	30800	915		180	527
	64 10	025	126 000	1644		1230	
	64 10	030	112 000	1954		900	663
	64 10	040	112 00	197		25	54
	64 10	045	952 00	1898		257	1410
	64 10	050	121400	2813		307	2059
	64 10	055	41000	985		102	659
	64 15	020	16800	127		127	
	64 15	045	84 00	74		25	49
	64 15	050	72 800	1917		127	1717
	64 15	055	72 800	1583		205	1195
	64 20	020	33600	599	32	102	293
	64 20	025	16800	167	20	77	
8	62 00	000	16800	281			
	62 05	005	14000	492			488
	63 25	035	16800	445			332
	63 30	040	14000	210			107
	64 00	020	42 000	512		334	
	64 00	025	364 00	483		282	
	64 00	030	504 00	771		461	83
	64 00	035	30800	257		257	
	64 05	010	19600	259			161
	64 05	015	16800	119		52	
	64 05	020	53100	1069		282	571
	64 05	025	53300	1282		359	620
	64 05	030	392 00	631		359	54
	64 05	035	81000	1247		539	205

눈다랭이 BET	가다랭이 SKJ	황새치 SWO	녹새치 BUM	백새치 WHM	청새치 STM	돛새치 SAI	기 타 Others
70							151
48							45
118							90
234		17					163
304		71					16
							118
186							45
48							399
							224
23		17					33
							183
70							102
70							
281							
4							
23							90
70							33
118		19					41
141		19					41
93							134
70							28
48		19					
118		86					12
186		105					12
141							77
186							317

월 Month.	해역 Area		낚시수 No. of hooks	계 Total	참다랭이 BFT	황다랭이 YFT	날개다랭이 ALB
	위도 Lat.	경도 Long.					
8	64 05	040	120400	2362		334	1620
	64 05	045	92400	1396		564	376
	64 05	050	106400	3520		1084	1893
	64 05	055	95200	2312		750	1356
	64 10	015	25200	299		257	
	64 10	020	100450	1222		616	54
	64 10	025	205600	4085		1546	1576
	64 10	030	172800	2896		880	1571
	64 10	035	73000	979		514	107
	64 10	040	25200	415		307	
	64 10	045	14000	125		77	
	64 15	020	120468	1107		589	54
	64 15	025	101165	2012		802	976
	64 20	035	44800	1443		52	1049
9	62 05	000	36400	526			
	62 10	000	22400	345			
	63 00	010	24955	193		52	44
	63 00	025	36400	411		102	54
	63 00	040	131600	2555		180	1834
	63 05	010	135025	2938		102	2015
	63 05	015	22400	354		52	190
	63 05	020	16830	122		52	
	63 05	025	56000	590		205	107
	63 10	000	28000	1001			532
	63 10	005	14000	232			54
	63 10	010	98000	1557		257	1005
	63 10	030	33600	222		155	24
	63 15	005	28000	430			337

눈다랭이 BET	가다랭이 SKJ	황새치 SWO	녹새치 BUM	백새치 WHM	청새치 STM	돛새치 SAL	기타 Others
50							358
118							338
213		159					171
93			23				90
23		19					
327			12			54	159
612		38					313
331							114
163							196
48		19					41
48							
304		83					77
234							
118							224
445							81
304							41
93							4
118		19					118
118							423
451		57					313
48		19					45
70							
186		19					73
424							45
141							37
97		19					179
23							20
48							45

월 Month.	해역 Area		낚시수 No. of hooks	계 Total	참다랭이 BFT	황다랭이 YFT	날개다랭이 ALB
	위도 Lat.	경도 Long.					
9	63 20	030	47600	726		77	434
	63 25	025	22400	386			293
	63 25	035	61600	852		25	566
	63 25	040	148400	3079		180	2127
	63 35	045	39200	278		180	
	.						
	64 00	015	25200	158		52	10
	64 00	030	103600	1525		666	624
	64 05	020	86800	676		436	
	64 05	025	36400	400		102	29
	64 05	035	61600	996		282	488
	64 05	040	56000	608		436	10
	64 10	015	8400	168		77	54
	64 10	020	30800	340		155	59
	64 10	025	129885	1632		1127	20
	64 10	035	106400	2553		1102	1088
	64 10	045	36400	391		232	
	64 10	055	123200	2595		1000	1044
	64 15	020	61600	599		384	
	64 20	020	16800	164		52	44
	64 35	045	47600	1847		25	1498
10	63 00	000	47355	515		252	
	63 00	005	44800	885		507	59
	63 05	005	74260	1503		582	615
	63 05	010	37028	465		102	215
	63 05	025	33600	495		102	117
	63 10	000	33600	526			63
	63 10	005	142800	2027		762	576

눈다랭이 BET	가다랭이 SKJ	황새치 SWO	녹새치 BUM	백새치 WHM	청새치 STM	돛새치 SAI	기 타 Others
48							167
93							
163							98
186							586
		57					41
23							73
145							90
118							122
93		38					138
145							81
70		19					73
							37
93							33
141		116					228
31		19					313
118							41
120							431
93							122
23							45
190							134
190		19				54	
194				92			33
54		19				54	179
70						54	24
48							228
397		38					28
521		78					90

월 Month.	해역 Area		낚시수 No. of hooks	계 Total	참다랭이 BFT	황다랭이 YFT	날개다랭이 ALB
	위도 Lat.	경도 Long.					
10	63 10	010	103600	1360		561	171
	63 0	020	8400	549		52	385
	63 1	025	114800	1953		480	1005
	63 10	030	50400	878		77	483
	63 15	030	50400	1082		280	595
	63 1	035	30800	432		25	171
	63 20	030	28000	624		52	380
	63 20	035	33600	660		25	566
	63 25	030	19600	331			273
	63 25	035	89600	1359		507	576
	63 25	040	53200	1101		330	654
	64 05	020	30800	362		102	107
	64 05	035	44800	114		25	
	64 05	040	56000	931		257	161
	64 05	045	70000	769		307	146
	64 10	020	92400	1238		693	34
	64 10	025	16800	300		25	29
	64 10	050	8400	122			
	64 10	055	86800	1750		868	502
	64 20	015	16800	383		127	29
	64 20	020	19600	203			107
	64 25	060	14000	192		52	107
11	62 00	000	30600	576		257	
	62 00	005	30105	531		359	
	62 05	005	74699	1563		334	161
	62 10	000	25200	395			

눈다랭이 BET	가다랭이 SKJ	황새치 SWO	녹새치 BUM	백새치 WHM	청새치 STM	돛새치 SAI	기 타 Others
445							183
48		19					45
211		78					179
70							248
93			12				114
							224
48		19	35				90
			12				57
23		19					16
186							90
93							24
23		57					73
70		19					
118							395
304			12				
467							94
48		19					179
							122
352							28
48							179
23							73
							33
211						108	
118						54	
794		97				108	69
327		19					49

월 Month.	해역 Area		낚시수 No. of hooks	세 Total	참다랭이 BFT	황다랭이 BFT	날개다랭이 ALE
	위도 Lat.	경도 Long.					
11	63 00	010	28000	386		77	137
	63 05	000	22400	234			
	63 05	005	14000	141			
	63 05	020	8400	203			107
	63 05	025	115600	2521			1839
	63 05	030	131000	3044		257	2029
	63 10	005	25200	493		252	66
	63 10	015	22400	406		25	327
	63 10	020	105500	2653		382	1961
	63 10	025	154100	3184		355	2200
	63 10	030	180500	3666		636	2332
	63 10	035	100100	2509		232	1839
	63 15	025	92400	2630		382	1244
	63 15	030	275100	5798		762	3278
	63 15	035	169600	3578		432	1493
	63 20	025	30800	1272			868
	63 20	030	171300	3448		407	1629
	63 20	035	100800	2816		127	1410
	64 00	030	67200	755		486	107
	64 00	045	19600	1058		486	215
	64 00	050	109200	1382		821	98
	64 05	040	19600	334			
	64 05	045	64400	620		205	39
	64 05	050	67200	1348		718	107
	64 10	055	58300	1030		539	215
	64 10	065	33600	697		127	376
	64 15	055	106400	1824		768	254
	64 15	040	53200	358			220

눈다랭이 BET	가다랭이 SKJ	황새치 SWO	녹새치 BUM	백새치 WHM	청새치 STM	돛새치 SAI	기 타 Others
141		19	12				
234							
141							
23							73
507							175
370				46			342
48		19					106
23		19					12
277							33
370		19					240
418		49		19			212
347		38					53
48							956
670		38					1050
577				42			1034
		192					212
370							1042
461							818
70		19					73
48							309
463							
281			12				41
327							49
490							33
48							228
		19					175
118							684
118							20

월 Month.	해역 Area		낚시수 No. of hooks	계 Total	참다랭이 BFT	황다랭이 YFT	날개다랭이 ALB
	위도 Lat.	경도 Long.					
11	64 35	030	672 00	1250		77	1044
	64 35	035	182 000	3293		589	1815
	64 35	040	70000	1687		102	1346
	64 35	060	112 000	1721		359	1093
12	62 00	000	38550	634		155	
	63 00	000	71700	1057		205	380
	63 00	005	121500	2115		486	507
	63 00	010	70000	917		486	34
	63 00	015	100500	1581		334	434
	63 00	020	87100	905		205	283
	63 00	025	28000	302		180	
	63 00	030	42000	1136		155	868
	63 00	035	14000	271			161
	63 05	030	58800	1532		77	1093
	63 05	035	28000	557		307	107
	63 10	025	154000	3604		205	2298
	63 10	030	135000	3288		180	2620
	63 10	035	75000	1214		102	922
	63 15	030	67200	1904		77	1307
	63 15	035	109200	3700		205	2112
	63 20	030	89600	2137		25	1629
	63 20	035	112000	4237		257	2756
	64 00	020	42000	730		282	176
	64 00	025	14000	1024		180	327
	64 00	030	78400	1640		514	517
	64 00	035	44800	770		359	20
	64 00	040	64400	1165		334	166
	64 00	045	58800	1266		307	273
	64 05	015	25200	166		77	
	64 05	025	672000	1008		384	273

다랭이 BET	가다랭이 SKJ	황새치 SWO	녹새치 BUM	백새치 WHM	청새치 STM	돛새치 SAI	기 타 Others
23							106
327							562
48			12				179
							269
267						212	
445		19					8
653		38					431
211				92			94
397				46			370
281				46			90
							122
23							90
							110
93							269
70							73
118				92			891
23				46			419
23							167
23							497
93							1290
23		232					228
23							1201
93							179
							517
186							423
163							228
467				92			106
141							545
48							41
93		38					220

월 Month.	해역 Area		낚시수 No. of hooks	계 Total	참다랭이 BFT	황다랭이 YFT	날개다랭이 ALB
	위도 Lat.	경도 Long.					
12	64 05	030	53200	1223		155	756
	64 05	040	16800	381		102	112
	64 05	045	5600	48			
	64 05	050	8400	121			98
	64 10	025	75600	1086		564	107
	64 10	030	16800	343		180	112
	64 15	055	8400	208		25	122
	64 20	030	30800	606			327
	64 25	025	16800	64			
	64 30	030	14000	362			224
	64 30	035	86800	1617		52	1405
	64 30	040	47600	772			727
	64 30	050	33600	461			434
	64 30	055	11200	385			220
	64 30	060	39200	896			600
	64 35	040	120400	1945		77	1800
	64 35	050	16800	482			454
	64 35	060	19600	293			293
	64 35	065	30800	632			624

눈다랭이 BET	가다랭이 SKJ	황새치 SWO	녹새치 BUM	백새치 WHM	청새치 STM	돛새치 SAI	기 타 Others
48		5		35			224
93				46			28
48							
23							
304		78					33
23							28
							61
23							老 256
23							41
							138
70							90
							45
23							4
23							142
23							273
23							45
							28
							8



1977

월 Month.	해역 Area		낚시수 No. of hooks	계 Total	참다랭이 BFT	환다랭이 YFT	날개다랭이 ALB
	위도 Lat.	경도 Long.					
1	63 00	025	37900	517		254	100
	63 00	030	91446	2191		744	721
	63 00	035	50040	1406		523	436
	63 05	010	40460	881		382	179
	63 05	015	3200	57		2	28
	63 05	020	3200	59		2	23
	63 05	030	102085	2374		414	1481
	63 00	020	6400	184		4	66
	63 00	025	3200	141		9	33
	63 00	030	35200	929		20	692
	64 00	015	4980	43		28	
	64 00	020	9540	101		31	1
	64 00	025	139910	2032		1030	336
	64 00	030	103925	1874		1262	191
	64 00	035	113920	2854		1207	133
	64 00	040	21600	167		45	93
	64 00	045	8640	203		70	49
	64 05	015	9540	170		46	4
	64 05	020	27840	309		129	44
	64 05	025	92600	1548		878	221
	64 05	030	50740	869		458	73
	64 05	035	2700	40		21	9
	64 05	050	12400	497		360	13
	64 10	025	5400	95		58	9
	64 10	035	5400	74		52	9
	64 10	050	5060	224		120	17
	64 10	055	2560	78		40	15
	64 20	050	14000	336		41	261
	64 20	055	41680	971		95	827
	64 25	045	22400	513		34	293

눈다랭이 BET	가다랭이 SKJ	황 새 치 SWO	녹 새 치 BUM	백 새 치 WHM	청 새 치 STM	돛 새 치 SAI	기 타 Others
51		20					92
335		35		32			324
159		24		9			255
221		21		25			53
13		2		1			11
27		4		1			2
129		38		64			248
24		9		8			73
12		4		6			77
6		17					194
10							5
29		6		7			27
303		98					265
195		39		23			164
323		37		78			1076
5							24
22							62
71		3		7			39
66		12		5			53
206		40		7			196
237		15		15			71
2							8
80				4			40
5							23
7							6
40				3			44
10							13
11							23
26							23
164				4			18

월 Month.	해역 Area		낚시수 No. of hooks	계 Total	참다랭이 BFT	황다랭이 YFT	날개다랭이 ALB
	위도 Lat.	경도 Long.					
1	64 30	045	10570	508			492
	64 30	050	41740	1585		13	1510
	64 30	055	31050	807		256	256
	64 30	060	75820	1858		110	1605
	64 30	065	34532	1327		63	1179
	64 30	070	14770	524		4	514
	64 35	060	25550	541		10	476
	64 35	065	2520	76		4	66
2	63 00	005	10140	67		40	1
	63 00	010	60840	1077		707	116
	63 00	015	23100	509		225	102
	63 00	030	78309	2037		896	508
	63 00	035	26785	640		307	161
	63 05	010	20230	435		192	78
	63 05	025	25600	628		13	339
	63 05	030	47220	979		248	470
	63 05	035	16680	297		217	10
	63 10	030	51200	1229		29	863
	64 00	015	67000	870		599	36
	64 00	020	116210	2160		1446	109
	64 00	025	149080	2048		1071	172
	64 00	030	98840	2098		1450	83
	64 00	035	31820	753		431	120
	64 00	040	26400	519		249	133
	64 00	045	8640	168		45	47
	64 05	015	4950	66		30	
	64 05	020	22400	373		257	38
	64 05	025	148850	2055		1359	132
	64 05	030	41300	620		392	75
	64 05	035	19200	315		160	89
	64 05	040	42240	655		171	244
	64 05	045	31190	663		373	93

눈다랭이 BET	가다랭이 SKJ	황새치 SWO	녹새치 BUM	백새치 WHM	청새치 STM	돛새치 SAI	기타 Others
13		3					
48		14					
272				8			15
95		7		3			38
36							49
2		4					
48		2					5
3		1					2
11		1					14
170		14					70
128		13					41
202		62					369
45		9					118
115		13					37
12		35					229
76		26					159
48		3					19
18		41					278
144		35					56
412		27					166
461		100					244
321		57					187
128		5					69
43							94
9							67
15							21
32		17					29
313		64					187
74		14					65
19		10					37
83		2					155
99							98

월 Month.	해역 Area		낚시수 No. of hooks	계 Total	참다랭이 BFT	망다랭이 YFT	날개다랭이 ALB
	위도 Lat.	경도 Long.					
2	64 05	050	10140	413		284	25
	64 10	020	6000	43		4	1
	64 10	025	38000	445		12	19
	64 10	030	3200	42		16	5
	64 10	035	8100	139		26	28
	64 10	040	23100	281		72	91
	64 10	045	65300	2120		1377	266
	64 15	060	25160	621		61	441
	64 20	055	8280	200		18	163
	64 20	060	11040	249		33	199
	64 25	065	1890	45		5	34
	64 25	070	28800	469		66	259
	64 30	050	9600	175		9	112
	64 30	060	235040	6579		725	5266
	64 30	065	116110	2546		299	2006
3	63 00	005	31740	354		283	13
	63 00	010	101450	1906		1478	87
	63 00	015	159957	3952		2687	385
	63 00	020	52010	1002		555	55
	63 00	030	11340	263		169	16
	63 00	035	13867	274		198	15
	63 05	010	15900	241		187	5
	63 05	015	12400	199		146	6
	63 05	025	44700	980		101	410
	63 05	030	2779	36		14	14
	63 30	040	21600	1407		1	1336
	63 35	040	16800	504			472
	64 00	010	10980	164		117	2

다랭이 BET	가다랭이 SKJ	황새치 SWO	녹새치 BUM	백새치 WHM	청새치 STM	돛새치 SAI	기 타 Others
57							47
31		4					3
368		29					17
6		2					13
32							53
62		5					51
275							202
19							100
5							14
4							13
		1					5
4		10					130
44							10
450		27					111
155		32					54
38		11					9
224		46					71
612		59					209
119		38					235
36		9					33
11		22					28
34		6					9
28		3					16
45		59					265
		2					6
29							41
14							18
32		5					8

월 Month.	해역 Area		남시수 No. of hooks	계 Total	참다랭이 BFT	알다랭이 BFT	날개다랭이 ALB
	위도 Lat.	경도 Long.					
3	64 00	015	108120	1928		1292	176
	64 00	020	150180	2418		1600	87
	64 00	025	38750	531		367	20
	64 00	030	49940	753		449	35
	64 00	035	88780	1713		1111	184
	64 00	040	11520	142		46	45
	64 00	045	8640	148		56	44
	64 05	010	2540	58		12	
	64 05	015	6160	76		19	
	64 05	020	117200	2724		1150	868
	64 05	025	48700	744		466	59
	64 05	030	87390	1474		839	101
	64 05	035	37610	477		200	83
	64 05	040	85180	1486		471	413
	64 10	015	12320	184		2	
	64 10	020	3080	43			
	64 10	025	53300	1017		265	252
	64 10	030	6200	70		38	7
	64 10	035	20150	381		36	130
	64 10	040	25530	483		239	70
	64 10	045	15893	359		137	87
	64 15	020	5400	116		44	27
	64 15	030	32100	775		14	196
	64 15	035	38400	877		16	314
	64 20	015	19200	302		209	10
	64 25	065	47970	986		128	645
	64 25	070	1890	165		20	141
	64 30	050	10080	462		10	434
	64 30	055	74440	2392		383	1779
	64 30	060	261460	2673		502	1825
	64 30	065	78880	1321		116	1085
	64 30	070	50130	1078		55	943

눈다랭이 BET.	가다랭이 SKJ	황 새 치 SWO	녹 새 치 BUM	백 새 치 WIM	청 새 치 STM	돛 새 치 SAI	기 타 Others
288		51					121
459		136					136
81		25					38
190		20					59
249		18					151
28							23
20							28
34		3					9
43							14
421		54					231
112		21					66
229		40					265
130		15					49
206							396
162							20
37							6
305		18					177
18							7
173		8					34
108							66
73							62
43							2
517		35					13
492		41					14
		8					75
34		1					178
2							2
11		7					
187		24					19
251		9					86
46		2					68
13		3					64

월 Month.	해역 Area		남 시 수 No. of books	계 Total	참다랭이 BFT	꽃다랭이 YFT	날개다랭이 ALB
	위 도 Lat.	경 도 Long.					
3	64 35	060	18400	393		75	245
4	63 00	005	8400	133		72	3
	63 00	010	17800	243		74	
	63 00	015	39630	570		270	5
	63 00	020	114720	1768		1045	158
	63 00	025	144264	2481		1339	283
	63 00	030	11920	339		119	97
	63 05	010	12400	71		40	6
	63 05	030	70558	2042		739	655
	63 05	035	2800	71		26	18
	63 10	035	5440	118		66	37
	63 35	040	19200	1202			1149
	63 35	045	43200	3800			3642
	64 00	005	10240	164		61	
	64 00	010	53460	710		409	7
	64 00	015	55640	622		416	6
	64 00	020	41100	738		435	31
	64 00	025	216654	3454		2484	172
	64 00	030	40680	512		162	82
	64 00	035	16400	315		155	32
	64 00	040	3400	45		16	20
	64 00	045	11520	264		75	107
	64 05	015	8100	137		100	9
	64 05	020	195410	4007		1159	2010
	64 05	025	96250	1592		864	60
	64 05	030	32392	557		343	20
	64 05	035	22850	276		137	45
	64 05	040	62020	1113		386	331
	64 05	045	31870	437		129	107
	64 05	050	25600	529		46	374
	64 10	015	112580	1289		140	24

은다랭이 BET.	가다랭이 SKJ	황 새 치 SWO	녹 새 치 BUM	백 새 치 WHM	청 새 치 STM	돛 새 치 SAI	기 타 Others
62							11
42		9					7
79		13					77
112		23					160
334		67					164
542		66					251
55		3					65
16		3					6
353		31					264
13		3					11
9							6
24							29
94							64
80		4					19
189		16					89
142		29					29
183		21					68
461		118					219
182		31					55
69		10					49
7							2
43							39
15		3					10
458		93					287
525		23					120
148		2					44
57		9					28
148		53					196
158							43
91							18
1074		16					35

월 Month.	해역 Area		낚시수 No. of hooks	계 Total	참다랭이 bFT	황다랭이 YFT	날개다랭이 ALB
	위도 Lat.	경도 Long.					
4	64 10	020	79410	957		166	98
	64 10	025	3000	29		5	15
	64 10	030	16000	182		15	54
	64 10	035	32000	499		74	137
	64 10	045	6020	72		50	8
	64 15	020	2400	10		1	
	64 15	035	2520	58		24	12
	64 15	055	31680	1169			1090
	64 15	060	8640	276		2	237
	64 20	020	10500	178		66	17
	64 20	035	12460	341		25	284
	64 20	040	12600	456		34	368
	64 20	070	12320	162		37	72
	64 25	055	59800	1554		531	648
	64 25	060	24940	602		234	159
	64 25	065	1750	19			16
	64 25	070	14420	306		18	229
	64 30	045	11830	613		14	575
	64 30	050	2520	132		2	124
	64 30	055	2160	13			11
	64 30	060	82830	1337		502	404
	64 30	065	130419	2659		198	2304
	64 35	065	2970	106		1	101
5	63 00	020	63536	1179		1027	42
	63 00	025	275408	3670		2535	128
	63 00	030	23935	533		330	77
	63 05	015	43200	865		592	109
	63 05	030	160562	5766		2126	2081
	63 25	045	10784	264		8	226

눈다랭이 BET	가다랭이 SKJ	황새치 SWO	녹새치 BUM	백새치 WHM	청새치 STM	돛새치 SAI	기 타 Others
624		26					43
5		1					3
103		4					6
265		12					11
5		1					8
9		1					
15		7					
							79
							37
86		8					
25		7					
34		20					
2							51
263							112
177							32
1							2
9		5					45
18		6					
3		3					
							2
351		1					79
83		6					68
2		2					
17							33
512		240					255
57		22					47
127							37
1042		66					451
12							18

월 Month.	해역 Area		낚시수 No. of hooks	계 Total	참나랭이 DHT	완나랭이 LHT	날개나랭이 ALB
	위도 Lat.	경도 Long.					
5	63 30	045	37564	2037		39	1901
	63 30	050	9630	429		4	390
	63 35	045	31200	1789			1718
	63 35	050	2400	101		1	80
	64 00	015	6400	118		58	1
	64 00	020	5600	126		75	
	64 00	025	44892	763		294	159
	64 00	035	21500	372		100	93
	64 00	040	100507	1640		742	343
	64 05	015	19280	327		59	
	64 05	020	51566	528		306	22
	64 05	025	9840	126		50	11
	64 05	030	12168	185		99	15
	64 05	040	102129	1532		588	361
	64 05	045	60191	881		219	235
	64 05	050	55400	1073		215	560
	64 05	055	11520	135		48	47
	64 10	015	9600	132		76	
	64 10	020	13050	115		33	
	64 10	025	32692	347		182	7
	64 10	035	2380	38		22	6
	64 10	040	26460	460		111	147
	64 10	045	5900	85		14	41
	64 10	050	11620	205		43	93
	64 10	055	27734	294		84	117
	64 15	015	15750	202		121	
	64 15	035	4850	104		35	27
	64 15	055	4760	46		1	37
	64 15	060	13090	127		56	41
	64 20	050	22150	515		140	219
	64 20	060	49940	1015		284	478
	64 20	065	2970	36			27

다랭이 BET	가다랭이 SKJ	황새치 SWO	녹새치 BUM	백새치 WHM	청새치 STM	돛새치 SAI	기 타 Others
63							34
9							26
28							43
4							16
8		3					48
42		1					8
123		105					82
106							73
314		20					221
184		16					68
108		34					58
54		8					3
51		3					17
256		10					317
209		1					217
249							49
33							7
46		3					7
67		5					10
115		21					22
8		2					
59							143
11		1					18
41		2					26
27		1					65
71		5					5
11		4					27
5							3
13		1					6
122							34
37		1					215
							9

월 Month.	해역 Area		낚시수 No. of hooks	계 Total	참다랭이 BFT	꽃다랭이 YFT	날개다랭이 ALT
	위도 Lat.	경도 Long.					
5	64 25	050	3150	44		16	12
	64 25	055	43650	993		328	330
	64 25	065	25260	340		31	288
	64 25	070	5580	28			20
	64 30	065	28326	760		5	732
	64 30	070	2970	45		1	39
	64 35	040	49860	2419		156	1985
6	63 00	015	8100	149		110	16
	63 00	025	75504	1473		868	92
	63 00	035	9030	147		115	9
	63 00	040	29890	432		321	30
	63 05	015	45900	742		549	61
	63 05	030	160039	4494		1036	2448
	63 30	040	19200	1446		3	1399
	63 30	045	62486	3084		17	2927
	63 30	050	48090	1012		247	495
	63 30	055	35700	726		191	339
	64 00	025	21351	192		122	17
	64 00	030	38565	427		273	58
	64 00	035	26456	449		254	97
	64 00	040	40355	792		416	154
	64 00	045	33187	1078		505	137
	64 05	020	90900	2048		1022	154
	64 05	025	307790	4144		2203	508
	64 05	030	101613	1432		701	187
	64 05	035	44662	728		315	161
	64 05	040	86340	1433		403	335
	64 05	045	102380	1473		532	370
	64 05	050	70110	962		436	225
	64 10	025	74459	694		356	17

눈다랭이 BET.	가다랭이 SKJ	황새치 SWO	녹새치 BUM	백새치 WBM	흰새치 STM	돛새치 SAI	기 타 Others
14							2
267							58
9							14
							8
7		5					11
							5
197							81
21				1			7
409							103
18							5
55							26
129				3			
632		29		5			344
24							20
105							35
164		29		14			63
119		9		21			47
25		8					20
59		9		2			26
67		14		2			15
64		7		1			150
27		2					107
529		53		96			194
968		200		5			260
258		42		3			241
188		22		1			41
348				71			276
632				20			119
168		1		7			125
231		37		3			50

월 Month.	해역 Area		낚시수 No. of hooks	계 Total	참다랭이 BFT	황다랭이 YFT	날개다랭이 ALB
	위도 Lat.	경도 Long.					
6	64 10	030	33676	2 08		110	14
	64 10	035	30880	377		51	108
	64 10	040	27690	696		141	437
	64 10	045	8800	216		81	86
	64 10	050	27090	452		125	207
	64 15	030	8400	229		89	61
	64 15	035	2 800	106		42	42
	64 15	040	9120	203		9	175
	64 15	060	6480	140		7	91
	64 20	060	33120	657		13	363
	64 20	065	46400	1140		71	403
	64 20	070	79210	1888		750	651
	64 25	070	11840	138		17	95
	64 30	045	49720	2385		156	2000
	64 30	050	33040	687		167	340
7	63 00	025	50160	1603		986	142
	63 00	035	9030	130		88	18
	63 00	040	2800	47		12	25
	63 05	025	5138	54		20	8
	63 05	030	79010	1292		449	484
	63 05	035	38500	612		366	134
	63 15	035	2800	44		14	22
	63 15	040	3000	54		12	25
	63 20	035	6400	77		18	10
	63 20	040	6000	164		50	82
	63 25	035	83910	1463		179	999
	63 25	040	159985	3934		689	2450
	63 25	045	5260	117			105

문다랭이 BET.	가다랭이 SKJ	황 새 치 SWO	늑 새 치 BUM	백 새 치 WHM	청 새 치 STM	돛 새 치 SAI	기 타 Others
59		10					15
180		15					23
57		13		1			47
26							23
34		4					82
43							36
12				3			7
5		5					9
		1					41
25							256
54							612
39		1					447
							26
152							77
111		22		7			40
327		44		6			98
18		1					5
2							8
18							8
265		3		4			87
78		1		6			27
2							6
6							11
27							22
6							26
151		9					125
415		3		15			362
7							5

월 Month.	해역 Area		낚시수 No. of hooks	계 Total	참다랭이 BFT	황다랭이 YFT	날개다랭이 ALB
	위도 Lat.	경도 Long.					
7	63 30	040	19480.	761		21	700
	63 30	045	69708	2918		12	2707
	63 30	050	24010	552		128	264
	63 30	055	44560	989		238	476
	64 00	020	73333	903		452	45
	64 00	025	40944	531		332	54
	64 00	030	55116	663		409	41
	64 00	040	35410	599		85	234
	64 00	045	67910	1120		446	296
	64 05	020	90701	1074		726	16
	64 05	025	379456	5278		3159	560
	64 05	030	431452	6185		2773	590
	64 05	035	83598	1281		534	142
	64 05	040	79030	1363		345	446
	64 05	045	32030	407		116	175
	64 05	050	29330	1421		1255	101
	64 10	015	19138	275		151	
	64 10	020	77210	1045		395	8
	64 10	025	92204	814		277	44
	64 10	030	68994	841		375	32
	64 10	035	3040	46		8	4
	64 10	050	60610	770		193	441
	64 10	055	39600	718		450	125
	64 15	055	3010	30		11	14
	64 15	065	17520	169		28	106
	64 20	065	77060	1904		708	788
	64 25	040	49940	2228		172	1800
	64 25	070	12360	318		129	78
	64 25	075	27370	832		362	196
8	63 00	030	2400	21		4	12

눈다랭이 BET	가다랭이 SKJ	황새지 SWO	녹새치 BUM	백새치 WHM	청새치 STM	동새치 SAI	기타 Others
14		8					18
101		7		2			89
98		11		17			34
167		31		29			48
284		25		9			38
96		12					37
144		15					54
186							94
273							105
161		42		1			128
1039		129		48			343
2358		117		12			335
437		13		3			152
163				103			306
86				4			26
33							32
85		12					27
542		56		14			30
384		43		12			54
383		16		1			34
32		1					1
80				5			51
24		2					117
3							2
							35
28		1					379
172							84
4							106
7							267
2							3

월 Month.	해역 Area		낚시 수 No. of hooks	계 Total	잔다랭이 JNT	새끼다랭이 JNT	금 개 다랭이 All
	위도 Lat.	경도 Long.					
8	63 05	025	22044	344		50	228
	63 05	030	21000	313		59	188
	63 10	015	2354	33		1	11
	63 10	030	12040	323		116	155
	63 15	010	14124	185		17	136
	63 15	015	2135	27		1	19
	63 15	030	36300	711		223	257
	63 15	035	24130	476		73	254
	63 20	035	48300	1072		217	669
	63 20	040	56000	863		39	718
	63 25	035	87265	2044		382	1261
	63 25	040	39950	673		63	555
	63 30	035	2135	12		1	9
	63 30	050	14840	325		83	172
	63 30	055	45010	950		242	497
	64 00	015	57198	804		540	54
	64 00	020	55892	651		484	42
	64 00	025	43750	477		312	30
	64 00	030	31462	330		196	33
	64 00	035	21000	350		219	57
	64 00	040	42037	915		406	278
	64 00	045	40560	1028		654	167
	64 05	020	102443	991		616	33
	64 05	025	167102	2563		1560	88
	64 05	030	195662	2824		1553	72
	64 05	035	163319	2886		1367	226
	64 05	040	58478	1085		689	45
	64 05	045	162125	4644		3630	558
	64 05	050	65520	1204		710	319
	64 05	055	2880	45		29	12

다랭이 BET	가다랭이 SKJ	황 새 치 SWO	녹 새 치 BUM	백 새 치 WHM	청 새 치 STM	돛 새 치 SAI	기 타 Others
60		2					4
44							22
11		4					6
45							7
17							15
2							5
214							17
131							18
137							49
29							77
353		6					62
42							13
1		1					
59		4					7
168		25					18
143		35					32
97		12					16
97		18					20
71		12					18
32							42
148		5					78
46							161
255		28					59
723		50					142
035		38					126
052		23					218
251		5					95
247		5					204
83		3					89
4							

월 Month.	해역 Area		낚시수 No. of hooks	계 Total	참다랭이 DFT	한다랭이 YFT	날개다랭이 ALB
	위도 Lat.	경도 Long.					
8	64 10	015	2520	21		13	
	64 10	020	156130	1760		948	281
	64 10	025	65413	883		596	
	64 10	030	92001	1332		517	358
	64 10	035	120386	1853		867	235
	64 10	040	18040	217		129	10
	64 10	045	3010	38		12	4
	64 10	050	16940	1058		1001	41
	64 10	055	63360	721		265	358
	64 10	060	3360	28			24
	64 15	020	3120	13		3	
	64 20	065	29300	373		68	216
	64 20	070	23680	507		265	149
	64 25	070	7900	184		76	45
	64 25	075	22630	310		155	84
9	64 00	025	52815	505		301	43
	64 00	030	10272	70		44	9
	64 00	035	21818	342		229	48
	64 00	040	225958	4914		2625	1269
	64 00	045	29000	1244		841	322
	64 05	015	71182	1086		697	5
	64 05	020	29686	376		260	24
	64 05	025	63150	787		506	94
	64 05	030	142551	1741		1097	61
	64 05	035	140088	2698		1408	286
	64 05	040	141258	2702		1531	317
	64 05	045	154788	3921		2929	366
	64 05	050	132412	3081		2205	209
	64 05	055	2400	36		19	9
	64 10	010	2324	49		28	12
	64 10	015	5040	64		28	
	64 10	020	102060	1199		782	5

눈다랭이 BET	가다랭이 SKJ	황새치 SWO	녹새치 BUM	백새치 WHM	청새치 STM	돔새치 SAI	기타 Others
5		1					2
341		71					119
276		9					3
408		4					45
670		25					56
74		2					2
22							
9							7
79		1					18
2							1
9		1					
15							74
14							79
6							55
12							59
111		19					31
8		1					8
28		1					36
489		33					498
26							55
304		7					73
66		7					19
152		20					15
408		50					125
772		17					215
569		5					280
263		1					361
173		4					490
							8
6							3
28		1					7
329		25					58

월 Month.	해역 Area		낚시수 No. of hooks	계 Total	참다랭이 SFT	화다랭이 HFT	날개다랭이 ALB
	위도 Lat.	경도 Long.					
9	64 10	025	68396	680		405	9
	64 10	030	2660	10		6	1
	64 10	035	69360	1073		457	18
	64 10	040	43270	722		343	25
	64 10	045	15490	241		58	35
	64 10	050	2640	14		7	1
	64 10	055	43380	1189		689	270
	63 00	020	28500	287		181	27
	63 00	025	20200	262		53	146
	63 00	030	14721	219		47	67
	63 00	035	5124	103		15	35
	63 05	010	32900	503		38	154
	63 05	015	9840	138		15	63
	63 05	020	44574	543		56	20
	63 05	025	127971	2277		346	910
	63 05	030	75966	1612		439	495
	63 05	035	3010	104		30	40
	63 10	010	13755	237		3	167
	63 10	020	2324	33		3	7
	63 10	035	53550	1268		290	631
	63 15	025	8800	111		5	69
	63 15	030	11900	148		12	76
	63 15	035	2940	72		16	32
	63 25	030	5450	63		1	58
	63 25	035	8800	89		2	63
	64 00	010	21000	236		137	20
	64 00	015	17504	367		231	20
	64 00	020	44214	411		255	30
	64 15	055	21020	559		397	73
	64 15	060	24190	296		126	103
	64 15	065	58060	1026		841	

다랭이 BET	가다랭이 SKJ	황새치 SWO	녹새치 BUM	백새치 WHM	청새치 STM	돛새치 SAI	기 타 Others
210		18					38
							3
504		27					57
290		11					53
120		4					24
1							5
45		1					184
45		10					24
46							17
34		4					67
23		2					28
260		16					35
53							7
430		13					24
758		45					218
268		23					387
18							16
56							11
7							16
205		28					114
3							34
32							28
11		2					11
							4
12							12
66							13
84		11					21
69		22					35
15							74
4							63
30							155

월 Month.	해역 Area		낚시수 No. of hooks	계 Total	참다랭이 BFT	와다랭이 FHT	날개다랭이 ALB
	위도 Lat.	경도 Long.					
10	64 20	060	85160	2016		1249	447
	63 00	005	40600	550		167	93
	63 00	010	24000	150		17	
	63 00	015	33600	238		34	19
	63 00	020	9400	51		4	
	63 00	030	77690	1071		596	232
	63 00	035	53340	1074		294	539
	63 00	045	21000	470		99	232
	63 05	000	13256	250		1	13
	63 05	005	39778	533		91	84
	63 05	010	5712	37		3	8
	63 05	015	9840	128		9	68
	63 05	025	120035	2289		545	1088
	63 05	030	75185	1686		495	824
	63 10	010	2790	39		1	32
	63 10	020	22750	372		13	234
	63 10	025	13600	382		47	251
	63 10	030	26900	386		33	177
	63 10	035	11879	269		62	164
	63 15	010	14451	173		5	140
	63 15	015	6560	61		4	44
	63 15	025	6560	63		4	55
	63 15	030	55640	961		118	631
	63 15	035	3040	33		1	17
	64 00	005	2950	24		9	
	64 00	015	62330	663		241	44
	64 00	020	28600	315		204	10
	64 00	025	6180	107		55	28
	64 00	030	6720	58		25	9
	64 00	035	27584	428		85	191
	64 00	040	166322	2869		1486	799
	64 00	045	19528	418		107	237
	64 00	055	11840	144		46	44
	64 05	010	8470	131		72	

눈다랭이 BET	가다랭이 SKJ	황새치 SWO	녹새치 BUM	백새치 WHM	청새치 STM	돛새치 SAI	기 타 Others
261		4					242 25
114		6					13
161		9					15
36		4					7
110		39					94
148		35					58
106							43
223							13
314							44
23							3
44		4					3
453		18					185
131		24					212
3							3
44							81
72							12
119		5					52
26		2					15
15							13
7							6
2							2
54		18					140
2							13
15							
311		30					37
83		8					10
14		4					6
11		1					12
139							13
340		28					216
35		2					37
10		1					43
45		4					10

월 Month.	해역 Area		낚시수 No. of hooks	계 Total	참다랭이 BFT	황다랭이 YFT	날개다랭이 ALB
	위도 Lat.	경도 Long.					
10	64 05	015	2814	27		8	
	64 05	020	44538	567		330	10
	64 05	025	36892	315		203	25
	64 05	030	18552	196		56	4
	64 05	035	98112	1225		518	106
	64 05	040	297548	4640		2555	577
	64 05	045	150244	2917		1410	650
	64 05	050	34928	649		352	62
	64 05	055	2400	66		47	2
	64 10	010	16688	353		250	
	64 10	020	18000	181		103	26
	64 10	025	53991	606		364	48
	64 10	030	10780	96		49	8
	64 10	035	53902	793		314	32
	64 10	040	60882	1031		495	41
	64 10	045	2950	43		24	1
	64 10	050	22344	432		215	118
	64 10	055	59660	964		408	136
	64 10	070	26110	630		286	218
	64 15	025	5518	30		14	2
	64 15	030	5460	51		18	14
	64 15	055	18080	162		97	51
	64 15	060	13600	70		21	11
	64 15	065	28980	306		247	
	64 20	025	20160	462		293	
	64 20	060	5120	76		48	20
11	63 00	000	25985	277		40	
	63 00	005	8491	77		32	
	63 00	020	70152	888		298	119
	63 00	025	36571	537		107	235
	63 00	030	6400	81		20	35

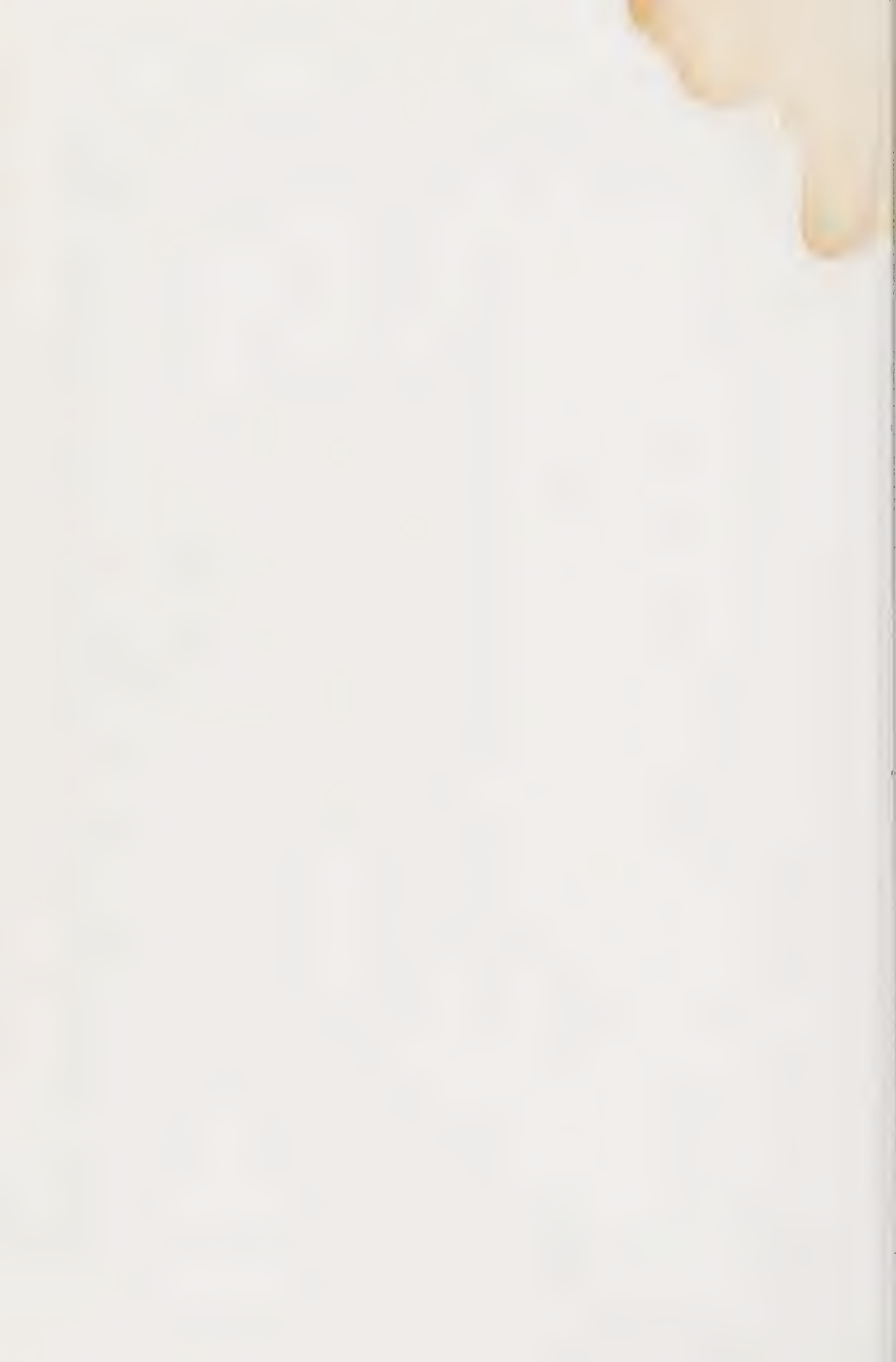
가령이 BET	가다령이 SEJ	황새치 SWO	늑새치 BUM	백새치 WHM	청새치 STM	돛새치 SAI	기 타 Others
19							
63		41					23
35		3					49
121		10					5
163		9					129
230		35					243
447		7					403
76		1					158
1							16
78		3					22
50		1					1
146		8					40
31		6					2
397		8					42
436		10					49
16		2					
16		3					80
419							1
38		6					82
12		1					1
11							8
9							5
1		1					36
4							55
169							8
213							24
36							9
259		66					146
89		29					77
15							11

월 Month.	해역 Area		낚시수 No. of hooks	계 Total	참다랭이 BFT	황다랭이 YPT	날개다랭이 ALB
	위도 Lat.	경도 Long.					
11	63 05	000	2919	19			
	63 05	020	32634	656		27	451
	63 05	025	176817	3359		419	1835
	63 05	030	21110	716		40	560
	63 10	020	114450	2475		189	1737
	63 10	025	237793	4566		606	2959
	63 10	030	11220	161		5	114
	63 10	035	41520	939		88	636
	63 15	025	3400	38			33
	63 15	030	16328	210		16	93
	63 15	035	9232	121		11	34
	64 00	005	24000	160		15	
	64 00	010	15000	94		10	
	64 00	015	42100	612		386	
	64 00	020	8428	71		48	3
	64 00	025	20782	204		128	19
	64 00	035	35000	613		354	96
	64 00	040	73960	1243		627	200
	64 05	015	105295	1182		500	
	64 05	020	33821	413		226	7
	64 05	025	2793	21		12	2
	64 05	030	35251	447		204	60
	64 05	035	62080	654		255	14
	64 05	040	95480	2206		1074	376
	64 05	045	43620	720		329	94
	64 05	050	5120	55		20	11
	64 05	055	2560	42		4	22
	64 10	020	3120	31		6	
	64 10	025	8000	137		5	
	64 10	030	120077	1254		508	8
	64 10	035	98380	1899		715	87
	64 10	040	81480	1376		666	59
	64 10	055	82240	1407		453	336

다랭이 BET	가다랭이 SKJ	황새치 SWO	녹새치 BUM	백새치 WHM	청새치 STM	돛새치 SAI	기 타 Others
12							7
51		12					115
723		35					349
61		7					48
245		5					299
584		42					375
9		1					32
97		16					102
		1					4
2		1					98
1							75
125		5					15
76		3					5
168		14					44
6		3					11
21		8					28
61		7					95
167		2					247
567		28					87
141		17					22
3		1					3
120		3					60
302		4					79
378		6					372
167		5					125
10		2					12
5		1					10
17		6					2
124		7					1
561		11					166
837		8					252
570		16					65
252		2					364

월 Month.	해역 Area		낚시수 No. of hooks	계 Total	참다랭이 BPT	화다랭이 YPT	날개다랭이 ALB
	위도 Lat.	경도 Long.					
11	64 10	060	2560	33		18	5
	64 10	065	10200	355		198	72
	64 10	070	68757	2228		1017	524
	64 10	075	39492	1168		399	573
	64 10	080	24290	679		323	146
	64 15	060	5040	51		26	3
	64 15	075	9232	261		44	171
12	63 00	000	39541	349		206	58
	63 00	005	4858	49		13	25
	63 00	020	2737	17		4	3
	63 00	025	2737	31		2	14
	63 05	015	24530	416		75	242
	63 05	020	46973	1262		46	1045
	63 05	025	139559	2514		149	1819
	63 10	015	9460	137		5	111
	63 10	020	84510	1862		55	1470
	63 10	025	196170	3453		353	2416
	63 10	030	65632	1178		36	949
	63 15	030	7980	114		1	99
	63 15	035	10640	164		8	130
	64 00	015	25287	290		142	
	64 00	020	13916	124		70	11
	64 00	025	47258	785		485	47
	64 00	030	12480	174		86	22
	64 00	035	28000	418		165	132
	64 05	010	65614	1121		127	
	64 05	015	83389	706		152	
	64 05	020	25300	107		19	13
	64 05	025	103040	1387		611	62
	64 05	030	109360	1819		863	78
	64 10	020	32760	355		15	
	64 10	025	55600	1000		67	432
	64 10	040	8600	167		78	8
	64 10	055	43520	998		195	348
	64 10	060	2194	15		9	3
	64 10	070	12050	291		57	130
	64 10	075	38600	907		163	372

눈다랭이 BET	가다랭이 SKJ	황새치 SWO	녹새치 BUM	백새치 WHM	청새치 STM	돛새치 SAI	기 타 Others
4		3					3
15							70
88							599
32							164
128		3					79
4		3					15
14							32
							85
							11
4		1					5
14							1
55		1					43
73		17					81
278		27					241
14		1					6
131		12					184
387		26					271
33		25					135
							14
2		1					23
121		6					21
22		9					12
121		61					71
19							47
49		3					69
712		26					256
473		25					56
47		10					18
507		8					199
602							276
314							26
434		3					64
67		2					12
61							394
							3
4							100
44							328



1978

월 Month.	해역 Area		낚시수 No. of hooks	계 Total	참다랭이 BFT	황다랭이 YFT	날개다랭이 ALB
	위도 Lat.	경도 Long.					
1	63 00	000	8211	135		98	5
	63 00	005	19634	221		113	86
	63 00	010	72886	613		398	14
	63 00	015	34836	275		138	5
	63 00	020	43720	385		248	9
	63 00	025	13940	97		52	5
	63 05	015	182431	1874		233	550
	63 05	020	140507	2018		369	658
	63 05	025	129792	1755		175	487
	63 10	020	29890	443		9	388
	63 10	025	31451	797		53	690
	63 10	030	140497	4256		243	3870
	64 00	010	61896	760		517	27
	64 00	015	162587	1871		1130	18
	64 00	020	198072	2805		1789	36
	64 00	025	37310	525		269	90
	64 00	030	56982	880		553	72
	64 00	035	21100	169		97	23
	64 05	010	36187	393		79	
	64 05	015	35534	265		129	5
	64 05	020	8785	71		37	27
	64 05	025	22720	389		164	
	64 05	030	85872	1122		724	9
	64 05	035	9300	86		47	
	64 05	050	2800	17		11	
	64 10	015	20070	161		3	
	64 10	020	8999	85		2	
	64 10	025	6560	56		7	5
	64 10	030	63720	1283		49	50
	64 10	035	10040	118		38	4
	64 10	040	2480	31			
	64 10	055	12210	146		87	9

눈다랭이 BET	가다랭이 SKJ	황새치 SWO	녹새치 BUM	백새치 WHM	청새치 STM	돛새치 SAI	기 타 Others
23		4				5	
9		6	2			5	
178		5	2				16
99		2	1			5	25
102		3	1			5	17
37		2	1				
858		21	1				211
939		3	2			5	32
943		10	1			4	135
30		10	1				5
4		10	2				38
35		31	1				76
166		10	2				38
626		31	1				65
798		40	1				141
130		23	2				11
102		29	1			4	119
39		6				4	
298		10	1				5
107		6	2				16
		6	1				
115		23					87
277		3	1				108
31		2	1				5
6							
142		16					
79		3	1				
35		3	1			5	
1067			1			5	81
71							5
31							
6			1				43

월 Month.	해역 Area		낚시수 No. of hooks	계 Total	참다랭이 BFT	황다랭이 YFT	날개다랭이 ALB
	위도 Lat.	경도 Long.					
1	64 15	015	2 750	15			5
	64 20	015	2 880	36			23
	64 20	020	5240	44			23
	64 25	025	15200	352		9	262
	64 25	030	12640	356		2	293
	64 30	030	10240	340		2	280
	64 30	035	2 5080	684		11	636
	64 30	040	4960	66		2	45
	64 30	055	2 7400	486		18	447
	64 30	065	5380	153		16	122
	64 30	070	14194	280		47	171
2	63 00	000	48043	593		332	9
	63 00	005	80452	710		401	50
	63 00	010	98989	1183		811	50
	63 00	015	65942	1022		343	140
	63 00	020	21878	200		78	18
	63 00	025	76172	1023		576	99
	63 00	035	10787	113		56	18
	63 05	000	78457	687		197	9
	63 05	005	2 750	11		9	
	63 05	015	176139	2816		143	456
	63 05	020	18543	288		45	45
	63 10	005	18010	179		11	50
	63 10	010	2800	14			14
	63 10	025	19344	222		4	198
	63 20	035	9312	98			95
	63 25	040	3040	18			18
	63 30	040	3056	14			14
	63 30	045	20456	286		29	243

눈다랭이 BET	가다랭이 SKJ	황새치 SWO	녹새치 BUM	백새치 WHM	청새치 STM	돛새치 SAI	기 타 Others
8		2					
10		3					
18		3					
62		2	1				16
48		2					11
48		2	3				5
31		6					
15		2	2				
4			1				16
10							5
19							43
229		21	2				
227		23	4				5
296		16	5				5
354			12				173
56		5					43
196		92	11				49
17		3	3				16
439		39	3				
2							
1640		66	13				498
186		13					
114		3	1				
		8	1				11
		3					
8		6					

월 Month.	해역 Area		낚시수 No. of hooks	계 Total	참다랭이 BPT	황다랭이 YPT	날개다랭이 ALB
	위도 Lat.	경도 Long.					
2	64	00	80118	836		446	
	64	00	65624	629		318	36
	64	00	53899	517		291	45
	64	00	123608	2054		1002	50
	64	00	32200	377		217	45
	64	00	44491	742		455	50
	64	05	2800	40		25	
	64	05	28717	267		126	
	64	05	102298	1318		818	5
	64	05	42140	467		226	9
	64	05	98240	1310		565	41
	64	05	5320	55		18	
	64	10	30842	344		29	
	64	10	76944	1236		175	14
	64	10	23212	545		78	59
	64	10	1365	26			5
	64	15	2793	10			
	64	15	3200	26		13	5
	64	20	2793	13		4	5
	64	25	2500	75		7	68
	64	30	75760	2675		119	2490
	64	30	37600	1009		63	875
	64	30	49178	1505		56	1389
	64	35	14360	651			604
3	62	05	14420	168		34	
	63	00	3280	29		16	9
	63	00	31920	452		350	27
	63	00	23520	214		125	5
	63	00	39670	394		184	14

다랭이 BET	가다랭이 SBJ	황새치 SWO	녹새치 BUM	백새치 WHM	청새치 STM	돛새치 SAI	기타 Others
319		20	5				49
257		15	7				16
182		3					16
443		175	5				379
88		15	1				16
129		37	6				65
12		2	1				
123		18					
400		36	5				54
196		24	1				11
575		40	2				87
35		2					
288		15	1				16
960		58	2				27
408							
21							
10							
8							
4							
56		2	3				5
25		2	1				43
27			1				32
44			3				
123		6				5	
4							
42			1				32
65		3					16
152		5	7				32

월 Month.	해역 Area		낚시수 No. of hooks	계 Total	참다랭이 BFT	황다랭이 YFT	남새다랭이 ALB
	위도 Lat.	경도 Long.					
3	63 00	020	2 800	13		9	
	63 05	010	10080	250			9
	63 05	015	14 0470	2 730		27	280
	63 05	020	1 7190	189		9	99
	63 25	040	6080	132			126
	63 30	045	483 04	668		40	609
	63 35	040	2 866	59			59
	63 40	040	9 048	96			86
	64 00	010	15070	97		61	
	64 00	015	141580	1553		906	32
	64 00	020	3 123 12	3613		2262	113
	64 00	025	15 05 81	2 182		142 6	86
	64 00	030	4 42 53	791		374	36
	64 00	035	1323 0	125		54	14
	64 00	040	22610	2 73		157	45
	64 05	010	1 6422	249		155	
	64 05	015	7 771 1	11 12		814	
	64 05	020	16617 8	1 749		1018	23
	64 05	025	1 94 73 4	2968		1654	59
	64 05	030	5 954 9	796		240	32
	64 05	035	5 04 0	156		4	
	64 05	040	3 42 09	1121		13 7	27
	64 05	045	2 7160	571		27	18
	64 10	015	58 713	914		36	
	64 10	020	20185	231		18	
	64 10	050	6 220	116		7	
	64 20	020	6 400	36			32
	64 30	055	136800	6966		85	5676

눈다랭이 BET	가다랭이 SKJ	황새치 SWO	녹새치 BUM	백새치 WHM	청새치 STM	돛새치 SAI	기 타 Others
4							
212			2			5	22
2034		44	26				319
56		6		3		5	11
4		2					
10		3	1				5
8		2					
27		3	1				5
458		58	13			5	81
770		251	20	24			173
377		183	13				97
154		94	8				125
37			11			9	
54			12				5
85		2	7				
258		28	2			5	5
566		110	2	3		5	22
1049		144	8			5	49
618		23	2				81
152							
922			8				27
512			3				11
878							
177		23	3			5	5
94		10					5
4							
183		2	15				5

월 Month.	해역 Area		낚시수 No. of hooks	계 Total	참다랭이 BFT	황다랭이 YFT	날개다랭이 ALB
	위도 Lat.	경도 Long.					
3	64 30	060	34570	783		34	722
	64 30	065	34500	1139		43	1051
	64 30	070	57139	1403		36	1313
4	63 00	015	30820	334		213	9
	63 00	020	35494	553		336	23
	63 05	010	12600	210		2	14
	63 05	015	35280	844		22	77
	63 25	040	12152	164			144
	63 30	040	9040	165			158
	63 30	045	12088	302		9	289
	63 35	040	2880	29			23
	63 40	035	8320	386			379
	63 40	040	16536	416			397
	64 00	000	3200	14		9	
	64 00	010	3200	20		13	
	64 00	015	63783	800		410	36
	64 00	020	154710	1203		556	144
	64 00	025	183964	2418		1383	131
	64 00	030	159500	1785		991	185
	64 00	035	73130	974		453	108
	64 05	015	2800	25			
	64 05	020	213941	2489		1518	9
	64 05	025	231513	2471		1338	90
	64 05	030	134587	2453		529	162
	64 05	035	111828	1645		460	198
	64 05	040	2310	65		2	9
	64 05	045	8925	182		85	18
	64 10	015	95602	983		29	
	64 10	020	15680	238		58	

다랭이 BET	가다랭이 SKJ	황새치 SWO	녹새치 BUM	백새치 WHM	청새치 STM	돛새치 SAI	기타 Others
4			1				22
12		6					27
25		13					16
81		15				5	11
127		40				5	22
189						5	
737			3				5
4		5	1				10
		2					5
2		2					
6							
4		3					
17		2					
4			1				5
2							130
219		3	2				43
410		49	1				222
429		246	2			5	70
366		160	8			5	54
273		78	3			5	
25							54
787		97	5			19	54
837		134	4			14	92
1634		23	4			9	162
758		44				23	
31			4			19	
50			1			28	
891		36					27
148		15	1				16

월 Month.	해역 Area		낚시수 No. of hooks	계 Total	참다랭이 BPT	와다랭이 BPT	날개나랭이 ALT
	위도 Lat.	경도 Long.					
4	64 10	025	74580	1031		614	77
	64 10	030	3240	15		4	
	64 10	040	2373	16		2	5
	64 15	060	13052	301		16	244
	64 20	065	51368	646		27	392
	64 25	065	2400	34		2	32
	64 30	055	57640	343		13	221
	64 30	060	40320	449		16	374
	64 30	065	55450	267		43	180
5	63 00	020	98809	2768		2186	68
	63 00	025	115670	1306		917	126
	63 00	030	9250	38		22	9
	63 00	035	2310	19		9	
	63 05	020	9860	110		16	18
	63 05	025	3120	41			5
	63 30	040	128748	1844		7	1768
	63 30	045	2800	76			68
	63 35	040	2800	21			14
	63 35	045	5840	117			113
	64 00	015	8400	144		56	
	64 00	020	90299	1114		451	72
	64 00	025	133886	818		379	81
	64 00	030	51825	592		296	68
	64 00	035	199293	2651		1719	356
	64 00	040	64906	683		408	77
	64 05	015	6300	143		56	
	64 05	020	44341	457		247	14
	64 05	025	85348	852		395	59

문 다 랑 이 BET	가 나 랑 이 SKJ	황 새 치 SWO	녹 새 치 BUM	백 새 치 WIM	청 새 치 STM	동 새 치 SAI	기 타 Others
204		92	6				38
4		2					5
8			1				
4			5				32
							227
98							11
35		5	3				16
10		2	5				27
360		105	1			5	43
173		50	3			5	32
4		3				5	5
56		10				5	5
33		3					
44		13	1				11
6		2					
4		3					
4							
83						5	
279		206	3			9	54
162		131	3	3		5	54
131		49	2	3		5	38
452		60	2	3		5	54
156		18		3		5	16
65							22
75		19	6			9	87
306		84	3			5	

월 Month.	해역 Area		낚시수 No. of hooks	세 Total	참다랭이 BFT	황다랭이 YFT	날개다랭이 ALB
	위도 Lat.	경도 Long.					
5	64	05	030	72516		242	63
	64	05	035	96214		291	131
	64	05	040	63443		262	144
	64	05	045	20280		67	27
	64	10	015	11900			
	64	10	020	101782		309	41
	64	10	025	75289		383	
	64	10	035	5600		11	5
	64	10	040	2800		2	5
	64	10	045	5630		11	18
	64	15	020	7424		7	
	64	15	025	3040		22	
	64	15	060	13746		9	217
	64	15	065	8080		22	90
	64	20	060	27250		16	618
	64	20	065	227881		193	5417
6	63	05	020	9360		18	18
	63	05	025	40560		108	176
	63	20	030	3200		2	9
	63	25	035	28400		16	645
	63	25	040	132372		213	298
	63	30	040	22544		2	487
	64	00	020	24699		273	41
	64	00	025	63744		350	63
	64	00	030	38440		247	68
	64	00	035	71330		502	108
	64	00	040	60800		215	77
	64	05	020	84229		433	
	64	05	025	336765		1982	135

군다랭이 BET	가다랭이 SKJ	황새치 SWO	녹새치 BUM	백새치 WHM	청새치 STM	돛새치 SAI	기 타 Others
418		24	1	3		5	22
541		32	2	3			54
302		3	2	3		5	5
71		3	3			5	
102		5					
562		52	5				49
462		47	3			5	54
67							
37			3	3			5
35		15	1	3		5	22
79		3				5	
10		3					
			1				5
2			1				5
		11	2	3			32
10		8	2	3		5	254
67		3	1				16
256		31					32
		2	1				
33		6	2				
133		60	4				
27		2					
164		65	3				22
229		117	5				16
87		21					38
98		40	2				87
202		29	3				38
350		53	4				32
1074		172	3				97

월 Month.	해역 Area		낚시수 No. of hooks	계 Total	참다랭이 BFT	황다랭이 YFT	날개다랭이 ALB
	위도 Lat.	경도 Long.					
6	64 05	030	206840	2626		1069	221
	64 05	035	26156	310		112	59
	64 05	040	16730	416		20	9
	64 05	045	20860	477		20	32
	64 05	050	2380	58		7	9
	64 10	015	61898	800		381	17
	64 10	020	108336	813		323	
	64 10	025	45599	513		282	9
	64 10	030	25585	345		157	
	64 10	035	2380	136		2	5
	64 10	040	12040	358		13	14
	64 10	050	4550	50		16	9
	64 10	055	14490	212		63	104
	64 10	060	8290	71		56	5
	64 10	065	2100	46		38	5
	64 15	015	5360	49		38	
	64 15	020	3200	49		40	
	64 15	025	2667	24		2	
	64 15	055	41893	877		143	726
	64 15	060	46959	983		168	740
	64 20	060	16508	322		18	298
	64 20	065	190050	941		76	704
	64 20	070	2674	70			68
7	63 25	030	17080	267		4	253
	63 25	035	83688	1725		61	1592
	63 25	040	133920	1655		183	1349
	63 30	035	2800	25			23
	63 30	040	22400	301		7	284
	64 00	020	21896	293		137	9
	64 00	025	66934	763		365	68
	64 00	045	6400	39		22	5
	64 05	020	83074	877		504	27

눈다랭이 BET	가다랭이 SKJ	황 새 치 SWO	녹 새 치 BUM	백 새 치 WHM	청 새 치 STM	dot 새 치 SAI	기 타 Others
1107		45	5				179
102		6	4				27
387							
420							5
42							
281		57	4				
398		62	3				27
181		2	1				38
156		3	2				27
129							
331							
25							
37		5	3				
8			2				
2			1				
4		2					5
8			1				
15		2					5
6			2				
4		2	4				65
							11
12		6	2				141
			2				
2		8					
25		24	1				22
60		52	1				
		2					
6		3	1				
96		39	1				11
206		96	6				22
4		2	1				5
277		15	7	20			27

월 Month.	해역 Area		낚시수 No. of hooks	계 Total	참다랭이 BFT	황다랭이 YFT	날개다랭이 ALB
	위도 Lat.	경도 Long.					
7	64 05	025	393039	4174		2625	207
	64 05	030	160162	2442		1181	149
	64 05	035	55372	1040		377	117
	64 05	040	19964	391		34	9
	64 05	045	21800	318		56	23
	64 05	050	2800	140		121	14
	64 10	015	16200	172		114	
	64 10	020	63327	799		435	
	64 10	025	228142	2118		1089	
	64 10	030	141348	1692		661	5
	64 10	035	15668	260		18	9
	64 10	040	20790	500		20	9
	64 10	050	45810	877		453	280
	64 10	055	91972	1457		749	559
	64 10	060	28352	758		504	176
	64 10	065	21910	1183		1078	32
	64 15	025	8646	64		27	14
	64 15	050	33600	539		90	406
	64 15	055	152783	2476		616	1687
	64 15	060	55930	1478		845	501
	64 15	065	9800	255		197	18
	64 20	025	2940	17			9
	64 20	055	34759	769		27	717
	64 20	060	119571	2945		94	2711
	64 20	065	12790	239		9	221
8	64 10	015	20552	291		152	
	64 10	020	47345	500		298	
	64 10	025	122902	1156		803	
	64 10	030	59990	549		307	
	64 10	035	2940	43		11	
	64 10	040	2940	38		9	
	64 10	050	101321	834		244	410
	64 10	055	29300	1085		1004	59
	64 10	060	105682	653		251	122

타랭이 BET	가나랭이 SKJ	황새치 SWC	녹새치 BUM	백새치 W:IM	청새치 STM	돛새치 SAI	기 타 Others
1159		138	16	7			22
922		52	12	7			119
445		45	7				49
343							5
231			3				5
							5
56			2				
316		29	1	13			5
887		74	8	17			43
862		53	3				108
208		8	1				16
466							5
119		5	5	10			5
87		3	8	24			27
15		2	5	7			49
29			3	30			11
15		2	1				5
19		6	4	3			11
69		10	29	33			32
48		8		33			43
12			7	10			11
		3					5
2		2	10				11
			23	20			97
2				7			
27			1				11
89		8					5
06		24	1				22
76		23	1				22
9		3					
7		2					
9			1				60
1			1				
9		5	1				135

월 Month.	해역 Area		낚시수 No. of hooks	계 Total	참다랭이 BFT	황다랭이 YFT	날개다랭이 ALB
	위도 Lat.	경도 Long.					
8	64 10	065	407815	2470		919	871
	64 10	070	4991	77		67	
	64 15	025	24040	347		211	
	64 15	030	32360	286		101	185
	64 15	050	10120	194		175	13
	64 15	055	10390	304		251	50
	64 15	060	17280	410		300	40
	63 25	025	2800	25			23
	63 25	030	8400	101			95
	63 25	035	34608	512		16	487
	63 25	040	27608	354		13	293
	63 30	035	5600	100			95
	63 30	040	25600	228		7	203
	63 30	045	39892	535		58	451
	63 35	045	11528	214		2	194
	63 35	050	2800	22			18
	64 00	020	19201	216		130	14
	64 00	025	8785	55		18	9
	64 00	030	3000	22		7	9
	64 05	015	34622	482		341	5
	64 05	020	70349	710		439	14
	64 05	025	216398	1499		1344	18
	64 05	030	27387	2805		1105	217
	64 05	035	170622	2256		995	212
	64 05	040	141434	1615		556	212
	64 05	045	11100	100		56	18
	64 05	050	43885	967		746	113
	64 05	055	41970	1113		944	113
9	63 05	030	6400	39			27
	63 15	030	3200	11			9

눈다랭이 BET	가다랭이 SKJ	황새치 SWO	녹새치 BUM	백새치 WHM	청새치 STM	돛새치 SAI	기 타 Others
364		23	1				292
2			3				5
127		3	1				5
4			2				
2			1				
14		3	1				22
		2					
2		3	1				
6		2	1				
31		15	2				
2		3					
12		5	1				
15		10	1				
8		10					
1		3					
50		11					11
15		8					5
6							
125		6					5
216		29	1				11
487		105	2				43
1249		49	1				184
939		28	1				81
772		31	1				43
25			1				
44		3	1				60
27		5	2				22
10		2					
2							

월 Month.	해역 Area		낚시수 No. of hooks	계 Total	참다랭이 BFT	황다랭이 YFT	날개다랭이 ALB
	위도 Lat.	경도 Long.					
9	63 30	045	14000	162		4	135
	64 00	015	2646	30		13	
	64 00	030	42500	497		294	81
	64 00	035	69550	705		466	90
	64 00	040	57130	731		298	289
	64 05	015	17570	240		184	
	64 05	020	65254	717		511	54
	64 05	025	75614	771		522	54
	64 05	030	134322	1166		699	117
	64 05	035	137434	1358		888	72
	64 05	040	210428	2587		1811	95
	64 05	045	23173	271		211	9
	64 05	050	11280	223		166	23
	64 05	055	33383	923		596	104
	64 10	020	31671	187		87	
	64 10	025	38671	324		179	
	64 10	030	41364	283		130	
	64 10	035	58924	633		213	9
	64 10	040	5600	47		16	
	64 10	045	2800	18		16	
	64 10	050	90764	1821		1412	347
	64 10	055	13540	133		58	54
	64 10	060	190729	6802		5202	753
	64 10	065	130774	2127		1556	316
	64 10	070	99160	2600		2152	289
	64 10	075	48545	1175		666	433
	64 15	015	8561	38		2	9
	64 15	020	33056	268		157	
	64 15	030	14750	95		47	
	64 15	060	98588	2171		1867	108
	64 15	065	35186	585		323	185
	64 15	070	61504	2019		1513	397
	64 15	075	2404	29		4	23

다랭이 BET	가리랭이 SKJ	황새치 SWO	녹새치 BUM	백새치 WHM	청새치 STM	등새치 SAI	기타 Others
6	15	2					
15		2					
102		15					5
102		16					32
104		5					32
54		2					
106		24					22
133		40					22
256		29					65
555		18					22
575		19					87
19							32
27		2					5
40							179
48		37					5
123		11					11
128		8					16
383		23					5
29		2					
2							
40							22
8		2					11
525		3					319
137		10					108
56		6					97
44		5					27
21		6					
87		24					
46		2					
90		19					87
52		3					22
46		3					60
2							

월 Month.	해역 Area		낚시 수 No. of hooks	계 Total	참다랭이 BFT	황다랭이 YFT	날개다랭이 ALT
	위도 Lat.	경도 Long.					
10	63 00	025	8540	62		22	14
	63 05	020	36750	332		13	90
	63 05	025	105460	1170		63	654
	63 05	030	8620	66		2	45
	63 10	020	2800	22			18
	63 10	025	3400	29			27
	63 10	030	27500	347		11	325
	64 00	010	12140	161		74	
	64 00	015	42780	753		386	
	64 00	035	23320	450		316	72
	64 00	040	43807	648		307	266
	64 00	045	19600	541		395	113
	64 05	010	6320	137		78	
	64 05	015	59120	711		260	
	64 05	020	77848	725		516	
	64 05	030	17868	91		38	9
	64 05	035	22030	461		325	36
	64 05	040	62902	674		381	45
	64 10	015	5780	27		18	
	64 10	020	23600	173		110	
	64 10	025	3200	6			
	64 10	030	68990	544		110	63
	64 10	035	135532	1357		383	50
	64 10	040	31610	441		132	5
	64 10	045	4970	56		13	
	64 10	050	20980	444		303	131
	64 10	055	2604	19		2	9
	64 10	060	82800	1391		930	108
	64 10	065	60306	1265		971	158
	64 10	070	63110	1337		767	334
	64 10	075	23552	481		143	266
	64 15	015	3120	21			

눈다랭이 BET	가다랭이 SKJ	황새치 SWO	녹새치 BUM	백새치 WHM	청새치 STM	돛새치 SAI	기 타 Others
23		3					
208		15	1				5
381		44	1				27
17		2					
2		2					
2							
10			1				
85		2					
356		6					5
40							22
58		8	4				5
6		10	1				16
58			1				
410		3					38
125		29	1				54
35		3	1				5
62							38
235		2					11
6		3					
50		13					
6							
325		23	1				22
781		83					60
29.		11	2				
42			1				
10							
8							
185							168
83		36					11
106		32	1				97
42		2	1				27
19		2					

월 Month.	해역 Area		낚시수 No. of hooks	계 Total	참다랭이 BFT	황다랭이 YFT	날개다랭이 ALB
	위도 Lat.	경도 Long.					
10	64	15	8864	59		16	23
	64	15	6020	11			5
	64	15	8744	67		7	41
	64	15	5680	57		16	
	64	15	14650	241		126	72
	64	15	56318	1148		769	275
	64	15	120084	2644		1428	992
	64	15	54630	1469		377	812
	64	20	23600	108		4	77
	64	20	5340	20			18
	64	25	2720	18			14
11	63	00	3300	16		7	5
	63	05	30240	335		20	113
	63	05	53800	287		45	32
	63	05	74701	468		233	171
	63	10	56720	85		7	14
	63	10	88430	481		34	410
	64	00	27938	294		146	
	64	00	34356	693		439	77
	64	00	79660	1631		975	302
	64	00	3045	42		25	5
	64	05	9886	71		2	
	64	05	34480	373		7	
	64	05	2450	2		2	
	64	05	25948	113		11	14
	64	05	10722	62		36	
	64	05	2800	36		27	9
	64	05	5205	63		47	9
	64	10	12720	100			
	64	10	7770	37		4	

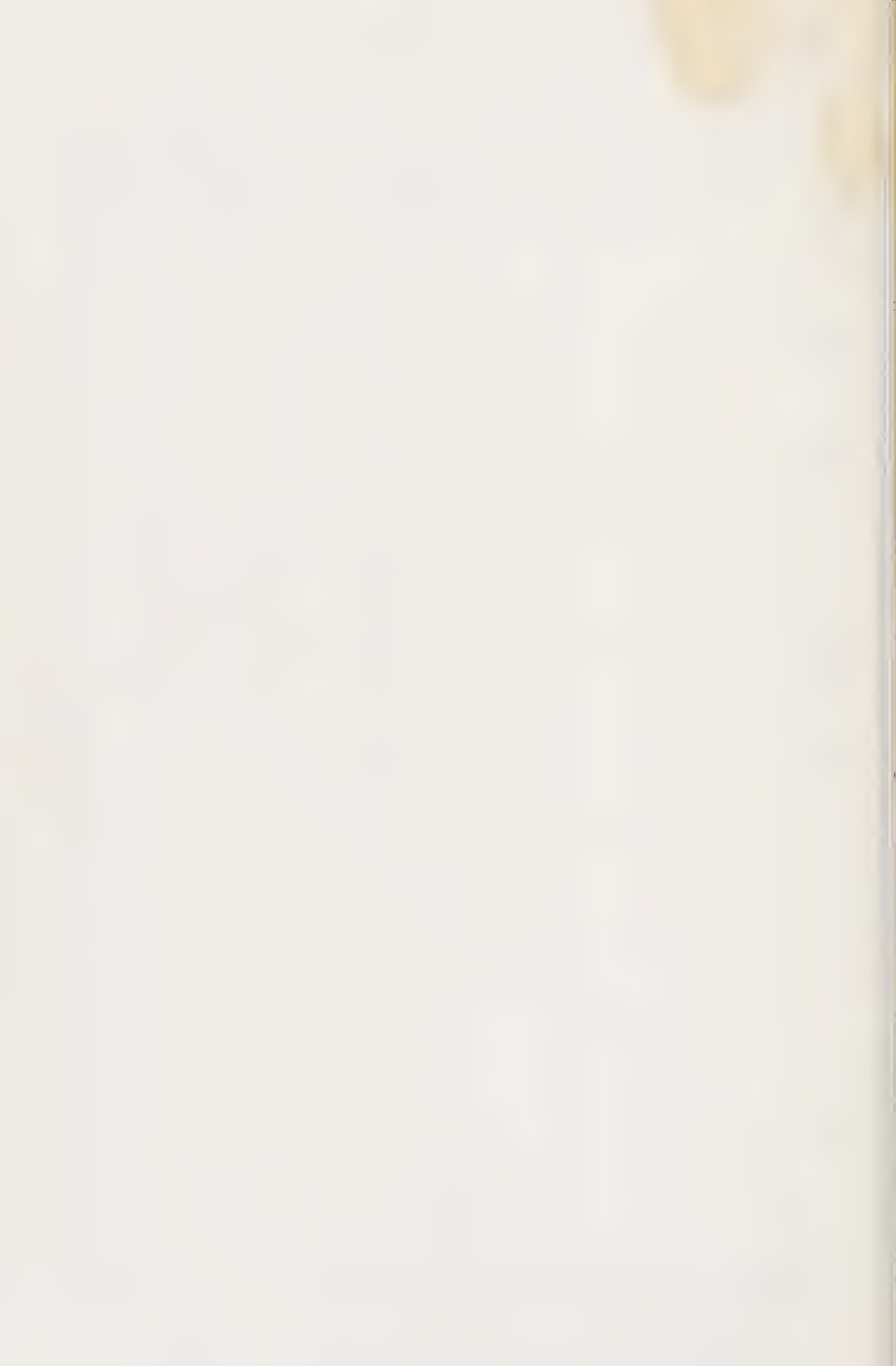
문다랭이 BET	가다랭이 SKJ	황새치 SWO	녹새치 BUM	백새치 WHM	형새치 STM	돛새치 SAI	기 타 Others
12		3					5
4		2					
17		2					
33		3					5
25		2					16
56		15	1				32
104		31	2				87
10		52	1				217
12		10					5
		2					
2		2					
2		2					
183		3					16
194		11					5
54		10					
40		13					11
29		8					
127		5					16
92		15					70
181							173
2		5					5
58							11
350		5					11
40		5					43
12		3					11
2							5
90		10					
33							

월 Month.	해역 Area		낚시수 No. of hooks	계 Total	참다랭이 BFT	황다랭이 YFT	날개다랭이 ALB
	위도 Lat.	경도 Long.					
11	64 10	030	28760	200		20	
	64 10	035	11470	76		29	5
	64 10	060	39950	893		717	90
	64 10	065	140551	2423		1973	140
	64 10	070	32620	525		298	162
	64 10	075	18940	406		193	131
	64 15	015	3040	25			
	64 15	060	55486	1444		1152	162
	64 15	065	43425	1085		809	194
	64 15	070	18240	295		150	122
	64 15	075	2400	40		20	14
	63 00	020	22640	335		58	23
	63 00	025	11010	106		9	27
	63 00	030	70950	1948		1370	185
12	63 00	035	3120	28		7	5
	63 05	020	63844	712		27	108
	63 05	025	134182	2770		193	550
	63 05	030	57051	957		195	713
	63 10	030	70420	1206		143	1033
	64 00	015	15160	122		76	
	64 00	020	3080	20		11	
	64 00	030	98830	2351		1731	217
	64 00	035	137346	2665		1551	555
	64 00	040	28609	1025		401	36
	64 05	020	8640	131		9	9
	64 05	025	25230	430		34	50
	64 05	030	11980	231		134	18
	64 05	045	21880	345		226	27
	64 05	050	32238	622		460	59
	64 05	055	11144	155		134	9

눈다랭이 BET	가다랭이 SKJ	황새치 SWO	녹새치 BUM	백새치 WHM	청새치 STM	돛새치 SAI	기 타 Others
167		2					11
29		2					11
52		2					32
121		21					168
21		6					38
40		26					16
23		2					
60		10					60
56		10					16
4		3					16
		6					
239		15					
65		5					
127		36	3				227
2		2	1				11
529		36	7				5
1953		31	5				38
42		3	4				
25		3	2				
46							
8			1				
187			5				211
343		32	11				173
48		8					32
110			3				
339			2				5
17		2					60
92							
98							5
12							

월 Month.	해역 Area		낚시수 No. of hooks	계 Total	참다랭이 BFT	황다랭이 YFT	날개다랭이 ALB
	위도 Lat.	경도 Long.					
12	64 10	020	6050	62		2	54
	64 10	025	9450	86		7	77
	64 10	030	6080	92		25	5
	64 10	050	2112	31		22	5
	64 10	055	2904	38		25	5
	64 10	060	23490	493		307	126
	64 10	065	54350	787		484	203
	64 15	060	9680	190		146	9
	64 15	065	3040	19		9	5
	64 15	075	2400	49		18	27
	64 30	055	16723	450		31	410
	64 30	060	25288	793		25	758
	64 35	070	58880	2244		83	2138

눈다랭이 BET	가다랭이 SKJ	황새치 SWO	녹새치 BUM	백새치 WHM	청새치 STM	돛새치 SAI	기타 Others
2			4				
			2				
58		3	1				
4							
8							
29		10	10				11
50		11	12				27
19			5				11
							5
2			2				
4							5
4			1				5
17			1				5



印 度 洋

Indian Ocean

1975—1978

1975

월	날		남 시 수	계	참다랭이	황나랭이	날개다랭이
Month	날	도	No. of hooks	Total	BFT	YFT	ALB
1	61 00	080	19050	244	5	72	
	61 00	085	15600	209	3	77	
	61 00	080	111964	2049		382	1
	61 00	080	82412	1199	3	252	
	61 00	080	111266	1607		711	5
	61 00	085	12360	167		19	7
	61 05	080	40950	991	38	78	
	61 05	085	54625	872	14	124	
	61 05	075	15200	181		110	
	61 05	080	7000	131	9	12	
	61 05	085	22290	264	1	129	
	61 05	090	72330	946		380	7
	62 00	060	29440	405	7	179	
	62 00	065	19596	217	11	82	
	62 00	085	15216	255		19	10
	62 00	090	64227	864		383	54
	62 00	095	12806	246		34	3
	62 05	040	12132	161		99	17
	62 05	045	60750	987		606	104
	62 05	060	3260	41		20	
	62 05	065	49340	754		347	
	62 05	070	13432	140		62	
	62 05	075	11368	201	3	77	
	62 05	080	49436	850		147	98
	62 05	085	9940	127	10	11	1
	62 05	100	50252	992	3	132	20
	62 05	105	5660	74	2	17	5
	62 10	040	20250	270		143	42
	62 10	045	3450	60		44	
	62 10	060	3456	43		28	
	62 10	065	3456	48		28	
	62 10	080	6160	96		10	
	62 10	085	19600	276		32	

눈다랭이 BET	가다랭이 SKJ	황새치 SWO	녹새치 BUM	백새치 WIM	청새치 STM	돔새치 SAI	기 타 Others
125	2	6			15	4	17
116		2	4		3	4	
1386	22	30	31		37	25	135
795	13	16	47		21	9	43
620	7	24	16		46	44	132
122	2		1		7		7
795		8	28		29	7	9
625		23	29		32	22	3
54		4	1		11		1
95	3	2	2			1	7
103	1		1		5	3	23
405	3	4	10		5	7	127
114	15	2	1		6	20	62
65	7	5				8	39
101	5	2	6			5	7
281	1		4		2	3	133
142		3	5		7	6	55
20		1	2		3	3	16
115		22	18		28	13	31
5	1	1					14
218	22	6	8		6	10	137
25	6	2	1		3	5	34
59	7		3		7	10	42
492		12			5	9	87
34	5	5	2		4		5
791		6	1		5	1	27
42		2	2		1		3
38		6	8		5	2	25
10	1	2					2
2	5						8
2	5						13
82		1	3				
217		11			5		11

월 Month.	해역 Area		낚시수 No. of hooks	계 Total	참다랭이 BFT	황다랭이 YFT	날개다랭이 ALB
	위도 Lat.	경도 Long.					
1	62 10	100	12936	165	7	24	15
	62 20	050	68670	1073		25	866
	62 20	055	83880	1375		137	1061
2	61 00	050	10800	146		26	
	61 00	055	43200	618		112	
	61 00	060	39780	528		57	
	61 00	065	59220	761		132	
	61 00	075	99237	1678		176	1
	61 00	080	96289	1478		229	13
	61 00	085	83185	1452		350	178
	61 00	090	7700	28		10	
	61 05	050	39336	824		18	
	61 05	060	35035	397		36	
	61 05	065	37522	778		63	
	61 05	075	10824	193		56	1
	61 05	080	46644	809		241	17
	61 05	085	9120	116		47	
	62 00	050	76050	1061		187	4
	62 00	055	49600	622		123	3
	62 00	070	10800	120		34	
	62 00	075	30700	303		118	
	62 00	080	87850	1177		287	5
	62 00	085	6400	74		24	
	62 00	090	13944	213		25	102
	62 00	095	98024	1409		224	3
	62 05	045	16164	280		175	27
	62 05	050	4032	81		47	9
	62 05	060	12510	126		69	
	62 05	065	12762	118		67	
	62 05	075	10450	80		30	1
	62 05	080	15152	238		82	3
	62 05	085	10180	188		60	5

눈나랭이 BET	가나랭이 SKJ	황 새 치 SWO	녹 새 치 BUM	백 새 치 WHM	청 새 치 STM	돛 새 치 SAI	기 타 Others
109		5	2				3
38			7		117	15	5
66			9		75	19	8
99			2		13	5	1
416		1	2		41	36	10
386	3	17	2		12	29	22
485	3	36	11		20	42	32
1352	4	35	18		26	14	52
1103	4	30	16		23	19	41
756	1	25	9		14	19	100
15		1				2	
723		11	30		32	10	
246	1	21	4		34	22	33
622	2	16	7		13	13	40
120	1	4	4		2		5
382	5	7	31		11	21	94
23	1	3	5		1		38
708		4	5		122	24	7
405		2	4		71	13	1
69	1		4			3	9
105	1	1	1				77
726	2		20		11	7	119
28							22
45		3			2	9	27
936		15	14		6	12	199
27		7	3		9	4	28
9		2	1		2		11
42	1	2	2		3	3	4
33	2		5			2	9
32		3				6	8
125	3	3	5		1	3	13
106	3		3		3	4	4

월 Month.	해역 Area		낚시수 No. of hooks	계 Total	참다랭이 BFT	황다랭이 YFT	날새다랭이 ALB
	위도 Lat.	경도 Long.					
2	62 05	095	5906	103		12	2
	62 05	100	50946	974		110	115
	62 05	105	11151	129		23	27
	62 10	045	4050	79		52	7
	62 10	050	64791	1064		630	115
	62 10	055	4050	110		75	7
	62 10	070	3600	12		6	
	62 10	105	8337	88		24	13
	62 20	050	18360	253		46	176
3	61 00	055	101215	2164		950	46
	61 00	060	41078	501		85	
	61 00	065	71835	691		152	
	61 00	070	19780	278		46	1
	61 00	075	126580	2457		602	5
	61 00	080	102614	1399		343	
	61 00	085	60892	885		229	
	61 00	090	13250	144		66	
	61 05	050	36680	785		56	1
	61 05	055	105245	1839		151	2
	61 05	060	70341	1425		112	3
	61 05	065	48853	981		54	1
	61 05	070	18250	497		27	3
	61 05	075	9822	271		11	
	61 05	080	60789	664		199	5
	61 05	090	6600	76		35	
	61 10	060	24241	464		92	11
	61 10	065	5530	76		19	3
	61 10	080	46160	1050		673	
	61 15	080	29080	498		293	
	61 15	085	3280	81		47	

눈다랭이 BET	가다랭이 SKJ	황새치 SWO	녹새치 BUM	백새치 WHM	청새치 STM	돛새치 SAI	기 타 Others
56			1			3	29
495		8	3		5	16	222
34						3	42
9		3	2		1	2	3
140		21	22		30	16	90
9		4	3		4		8
2						1	3
24						2	25
13			1		12	4	1
995	7	17	16		29	33	71
336	1		18		14	12	35
414	8	17	23		11	14	52
181	1	5	4		4	7	29
920	2	65	30		33	32	768
763	8	7	11		7	2	258
508	2	21	5		26	17	77
57	1	6			5	3	6
642	5	16	7		8	8	42
1460	11	54	11		39	24	87
1151	10	27	12		19	17	74
863	2	12	10		12	7	20
431	1	3	5		16		11
256		2	2				
297	6	5	15		34	11	92
31	1	2				2	5
330					6		25
46					3		5
4	10	7	130		7	30	189
	1	11	46		7	6	134
	1	5	4			2	22

월 Month.	해역 Area		낚시수 No. of hooks	계 Total	참다랭이 BFT	황다랭이 YFT	날개나랭이 ALB
	위도 Lat.	경도 Long.					
3	62 00	050	33200	563		101	
	62 00	070	33770	467		132	1
	62 00	080	27280	387		102	
	62 00	085	1740	38		7	
	62 00	090	1740	43		6	1
	62 00	095	9370	161		26	2
	62 00	100	1890	22		2	1
	62 05	045	4032	60		37	2
	62 05	050	16128	366		257	26
	62 05	055	26100	324		41	1
	62 05	060	14960	196		40	2
	62 05	075	6700	51		25	2
	62 05	090	11058	121		33	13
	62 05	095	47531	893		119	310
	62 05	100	51739	800		86	185
	62 10	050	32382	709		446	81
	62 10	075	6700	58		17	7
	62 10	095	13864	153		22	14
4	61 00	050	250882	4865		2123	17
	61 00	055	136318	2503		251	11
	61 00	060	42166	561		57	3
	61 00	065	17550	403		83	2
	61 00	070	12650	201		23	
	61 00	075	78526	1376		276	
	61 00	080	55575	877		199	
	61 00	085	32650	370		120	
	61 00	090	13250	277		98	1
	61 05	050	97040	2289		146	2
	61 05	055	106320	1942		142	1
	61 05	060	63537	642		39	7
	61 05	070	12150	223		23	3
	61 05	075	13600	121		52	
	61 05	085	9840	169		7	2

눈다랭이 BET	가다랭이 SKJ	황새치 SWO	녹새치 BUM	백새치 WHM	청새치 STM	돛새치 SAI	기 타 Others
364		10	3		63	19	3
279	4	3	8		17	8	15
224	1	8	2		14	13	23
9					1	2	19
9		4					23
101		7	2				23
16			1			1	1
7		1	2		3	2	6
31		9	7		13		23
267	1				8	2	4
142	1	3					8
21		2			1		
40						2	33
248		7			4	27	178
447		10			3	12	57
78		14	15		23	10	42
33						1	
63						7	47
2215		78	35		48	86	263
1988		75	14		37	21	111
447		21			7	6	20
294		11			1	9	3
171			4		3		
601		34	25		33	28	379
419		16	8		46	18	171
140							110
62			5		3	4	104
1967		32	17		24	15	86
1651		41	19		26	10	52
491		22	13		29	7	34
177		5			4	4	7
47					3	6	13
24		1	3			2	130

월 Month.	해역 Area		낚시수 No. of hooks	계 Total	참다랭이 BFT	황다랭이 YFT	날개다랭이 ALB
	위도 Lat.	경도 Long.					
4	61 05	090	16400	176		30	
	61 10	050	11800	290		27	1
	61 10	060	90855	1351		164	21
	61 10	065	5775	64		23	4
	61 10	080	19680	241		125	
	62 00	045	19035	410		272	64
	62 00	050	14697	189		94	33
	62 00	055	18000	123		27	3
	62 00	060	10360	196		37	2
	62 00	065	34428	532		47	299
	62 00	075	26560	212		36	
	62 00	090	18900	222		72	1
	62 00	095	8179	142		18	60
	62 00	100	5900	74		24	
	62 05	040	11421	243		128	55
	62 05	045	7587	156		93	33
	62 05	050	11160	168		91	41
	62 05	055	11180	221		98	22
	62 05	060	5000	76		28	1
	62 05	100	17200	180		24	23
	62 05	105	6600	74		24	
	62 10	040	11439	248		144	56
	62 15	040	7650	156		87	36
5	61 00	045	5110	109		9	
	61 00	050	33810	515		110	1
	61 00	055	7679	1646		434	4
	61 00	060	91095	1729		204	7
	61 00	065	61978	1235		381	5
	61 00	075	4804	64		4	
	61 00	080	9480	104		14	
	61 00	085	12350	179		17	

눈다랭이 BET	가나랭이 SKJ	황 새 치 SWO	녹 새 치 BUM	백 새 치 WHM	청 새 치 STM	돛 새 치 SAI	기 타 Others
53		2	8		2		81
220		6	2		5	7	20
1059		12	12		28	16	39
27					4	3	3
		5	32		8	9	62
20		7	7		8	4	28
23		2	5		7	5	20
79			6		3		5
149			3			2	3
166		10			1	2	7
137		9	6		12	5	7
84							66
30		3			2	1	28
28							22
13		5	4		8	4	26
8		3	2		4	3	10
8		5	4		5	2	12
82		1	1			4	13
42			2			1	2
80						3	50
28							22
12		9	3		3	1	20
10		2	3		3	3	12
88	1	2	1		1	2	5
323	2	11	8		13	16	31
1006	4	29	18		36	33	82
1379	1	5	10		55	20	48
550	1	36	22		20	30	190
10		4	2		4	8	32
63	2	7	2		4	2	10
149	1	1	3			1	7

월 Month.	해역 Area		낚시수 No. of hooks	계 Total	참다랭이 BFT	황다랭이 YFT	날개다랭이 ALB
	위도 Lat.	경도 Long.					
5	61 00	090	6560	46		14	
	61 05	050	21280	450		35	
	61 05	055	111728	1461		118	2
	61 05	060	307921	5559		292	21
	61 05	065	78143	1332		349	23
	61 05	070	21065	244		66	
	61 05	075	12720	186		27	
	61 05	080	4960	66		9	
	61 05	090	13360	77		36	
	61 10	055	2925	56		5	
	62 00	050	40950	594		302	6
	62 00	060	12999	74		20	18
	62 05	040	3861	51		29	3
	62 05	045	15444	235		174	12
	62 05	055	20350	263		57	2
	62 05	100	57584	705		180	49
	62 05	105	23950	286		96	
	62 10	040	46548	732		543	32
	62 10	055	13450	194		49	1
	62 10	100	3280	91		16	41
	62 10	105	18150	222		72	
	62 10	110	6200	74		24	
	62 15	040	22250	322		244	23
	62 20	040	3350	20		9	6
	62 25	035	6700	37		10	12
	62 30	035	23450	166		17	98
	62 30	040	45500	336		10	215

눈다랭이 BET	가다랭이 SKJ	황 새 치 SWO	녹 새 치 BUM	백 새 치 WBM	청 새 치 STM	돛 새 치 SAI	기 타 Others
21							11
370	2	9	3		5	5	21
1148	11	48	12		33	17	72
4520	42	85	49		136	76	338
825	1	5	2		30	14	83
128	2	1	1		2	7	37
102	1	7	4		11	1	33
56	1						
15							26
40			7				4
218	5	8	19		12	4	20
30		3					3
2		4	3		4	2	4
16		6	9		5	4	9
126	2	5	10		3	15	43
130		2	18		1	14	311
112							78
67		23	15		22	13	17
89	1	5	4		8	6	31
3	1		1			2	27
84							66
28							22
25		3	7		10	4	6
1			2		1		1
1	1				2	3	8
30	1		2		3	1	14
58	1	3	9		12	5	23

월 Month.	해역 Area		낚시수 No. of hooks	계 Total	참다랭이 BFT	황다랭이 YFT	날개다랭이 ALB
	위도 Lat.	경도 Long.					
6	61 00	050	17940	431		46	1
	61 00	055	32408	779		237	24
	61 00	060	11800	67		27	
	61 00	065	114072	1654		368	15
	61 00	075	2380	54		5	
	61 00	080	7980	104		17	
	61 00	085	11720	287		26	1
	61 05	050	9864	165		4	
	61 05	055	64456	685		20	
	61 05	060	95132	2023		251	16
	61 05	065	66387	1191		180	
	61 05	070	28860	577		84	
	61 10	055	17320	219		1	
	61 10	060	6960	190		36	
	62 00	050	17550	212		86	1
	62 00	060	51425	700		363	1
	62 00	065	127605	2261		1047	52
	62 00	070	11700	221		108	20
	62 00	080	25266	563		213	10
	62 00	085	226626	3259		1323	134
	62 00	090	26568	442		152	1
	62 00	095	26340	410		176	
	62 05	045	19341	362		200	66
	62 05	050	11583	210		116	30
	62 05	055	20150	196		113	1
	62 05	060	26950	380		248	5
	62 05	065	46370	897		436	10
	62 05	095	29505	502		98	14
	62 05	100	54930	973		290	228
	62 10	050	34965	675		402	124
	62 10	060	6700	51		21	2
	62 10	115	29050	771		98	200

눈나랭이 BET	가다랭이 SKJ	황새치 SWO	녹새치 BUM	백새치 WHM	청새치 STM	돛새치 SAI	기 타 Others
330		10	7		10	3	24
470		13	5		4	5	21
34					2		4
1085		24	13		29	11	109
44		1			1		3
65		3	1		3	3	12
221		7	2		5	5	20
142		5	3		7	2	2
496		19	18		116	2	14
1598		9	17		48	20	64
862		23	5		12	19	90
432		7	2		2	6	44
174		8	1		24		11
62		6	3		13	8	62
100		1	9		3	2	10
283		7	9		4	7	26
977		45	34		18	24	64
81		3	5		2	2	
133		5	14		8	8	172
1026		21	18		42	41	654
149		8	16		5	1	110
206		10	11		7		
25		6	9		16	4	36
9		4	4		7	1	29
54		4	3		1	5	15
86		4	4		2	5	26
154		15	12		8	12	50
147		7	12		4	7	213
179		4	18		2		252
48		6	10		19	6	60
17		2	1		3		5
452		16	1			1	3

월 Month.	해역 Area		낚시수 No. of hooks	계 Total	참다랭이 BFT	와라랭이 YFT	남새다랭이 ALE
	위도 Lat.	경도 Long.					
6	52 10	120	10360	360		36	88
	62 20	085	38150	915		238	90
	62 30	035	53050	1685		31	1480
	62 30	040	20300	398		6	357
	62 30	045	94300	3259		125	2955
7	62 35	035	3350	95		1	84
	61 00	060	9651	115		39	
	61 00	075	12925	144		77	
	61 00	080	35068	665		174	32
	61 00	085	14938	229		49	4
	61 00	090	3120	36		8	
	61 05	060	3120	54		15	
	61 05	080	2925	5		2	
	61 05	085	14255	237		40	7
	61 05	095	17350	247		65	
	62 00	055	7200	63		48	
	62 00	060	23319	338		105	9
	62 00	065	126286	2187		1232	20
	62 00	070	45980	794		322	15
	62 00	075	29396	329		92	
	62 00	080	53718	1089		335	27
	62 00	085	256978	3225		1315	53
	62 00	090	163980	2479		947	19
	62 00	095	42896	522		230	8
	62 05	060	22325	326		189	
	62 05	065	60120	809		439	8
	62 05	085	6990	195		45	
	62 05	090	30354	366		123	
	62 05	095	12780	1120		207	95
	62 05	100	26070	427		138	10
	62 05	105	10220	183		71	

눈다랭이 BET	카나랭이 *SKJ	황새치 SWO	녹새치 BUM	백새치 WHM	청새치 STM	두새치 SAI	기 타 Others
232		3	1				
290		28			10	19	240
117		1	2		5	9	40
24			4		3		4
107		4	3		8	12	45
4					1		5
55	10						11
55	2		5		2		3
214	15	1	1		21	11	196
105	6	2			6	1	56
26					1		1
25	5					2	7
					1	2	
169					6	2	9
157	15	2					8
11		2				1	1
200	7				4	3	10
713	13	20	24		21	38	106
430	2	8	3		3	1	10
220	2	6	2		3	2	2
327	10	31	13		19	16	311
1023	28	15	27		33	23	708
1045	17	27	24		14	9	377
212	2	11	5		3	3	46
82	18	4			3	3	27
217	15	14	6		7	31	72
40	2	3	5		2	1	97
164	1	2	1		3	4	68
716	3	15	6		11	3	54
245	4	12	9		7		7
92	7	5			4	2	1

월 Month.	해역 Area		낚시수 No. of hooks	계 Total	참다랭이 BFT	황다랭이 YFT	날개다랭이 ALB
	위도 Lat.	경도 Long.					
7	62 05	110	13000	205		91	3
	62 10	055	15988	228		168	
	62 10	060	12674	170		119	
	62 10	095	17470	271		40	38
	62 10	105	4950	91		35	6
	62 10	110	8540	91		3	1
	62 30	030	45100	1572		79	1399
	62 30	035	89930	3195		181	2837
	62 30	040	12050	268			234
8	61 00	060	38961	620		234	1
	61 00	065	11029	233		46	37
	61 00	080	13320	297		129	
	61 00	085	85360	905		406	12
	61 00	090	7680	103		9	2
	61 05	065	25928	312		39	
	61 05	090	10410	184		13	5
	61 05	095	2600	38		4	
	62 00	050	15120	162		74	
	62 00	055	26487	325		173	
	62 00	060	18927	212		94	
	62 00	070	34645	864		299	13
	62 00	075	9850	59			
	62 00	080	119876	1888		626	53
	62 00	085	62950	803		279	3
	62 00	090	170672	1986		861	20
	62 05	055	3217	36		22	
	62 05	060	9651	142		63	
	62 05	070	11589	164		83	4
	62 05	075	17205	285		107	
	62 05	080	25590	365		26	8
	62 05	085	47310	780		137	83
	62 05	090	45227	561		99	23

눈다랭이 BET	가다랭이 SKJ	황새치 SWO	녹새치 BUM	백새치 WHM	청새치 STM	돛새치 SAI	기 타 Others
92	6	2			4	1	6
23	15					2	20
22	9				1		19
164		5	1		7	1	35
43	3	3	1				
84		1				1	1
34	6	5	2		10		37
66	19	5	10		8	4	65
22		2	4		4		2
312		11	15		10	24	13
79		2	3		5	4	57
155		3	2		8		
345		5	5		7	9	116
87			2		1		2
228		4	7		9	11	14
152			5		5		4
32			1		1		
70		1	6		3	3	5
133		1	4		1	5	8
100		1	3		3	3	8
410		1	8		13	5	115
59							
750		38	34		50	32	305
444		17	12		19	8	21
723		4	12		12	15	339
8		2					4
65		1	2			1	10
67		2	4			2	2
170		2	1		1	2	2
310		5	3		5		8
433		10	5		16	2	94
244		3	4		3	2	183

월 Month.	해역 Area		낚시 수 No. of hooks	계 Total	참다랭이 JPT	흰다랭이 YPT	날개다랭이 ALB
	위도 Lat.	경도 Long.					
8	62 06	09 5	2 0580	267		38	33
	62 06	100	5544	14		3	1
	62 06	105	13538	117		6	
	62 06	110	28070	296		32	2
	62 10	055	3217	42		23	
	62 10	060	6434	89		57	
	62 10	090	30150	377		67	50
	62 10	100	2590	8			
	62 10	105	5761	50		1	35
	62 10	110	12600	199		39	32
	62 10	115	7910	165		35	61
	62 25	040	11800	333			310
	62 25	045	24500	506			464
	62 30	030	16750	637		42	554
	62 30	035	28550	1091		46	1002
	62 30	045	12400	317			305
9	61 00	050	5720	16			
	61 00	055	48230	960		451	1
	61 00	060	94338	2010		866	8
	61 00	065	48100	738		273	60
	61 00	070	26101	535		124	30
	61 00	075	9864	167		36	5
	61 00	080	17950	299		131	28
	61 00	085	74880	552		226	3
	61 00	090	46800	382		156	2
	61 05	050	29700	407		184	3
	61 05	055	28060	521		183	2
	61 05	060	40300	717		186	
	61 05	065	19710	342		35	2
	62 00	055	6434	80		39	
	62 00	060	33403	573		248	
	62 00	065	91853	1627		612	5

눈다랭이 BET	가나랭이 SKJ	황새치 SWO	녹새치 BUM	백새치 WHM	청새치 STM	두새치 SAI	기타 Others
143		6	2		6	1	38
6		1			2		1
95		1	1		4		10
246		8			2		6
15						1	3
20		2	1			1	8
129		5	9		2		115
7					1		
3		1	1			1	8
116		6			2		4
60		3			1	2	3
23							
22			1		10	2	7
12					1		28
23		1	5		4		10
			4		1		7
12					3		1
438	7	7	8		15	12	21
939	22	22	13		26	50	64
361		16	12		2	6	8
187	11		2		21	6	154
45	3				4	2	72
106			10		1	9	14
164	4		8		5	6	136
125	5		2		7	2	81
201		13	4				2
315		6	5		5		5
491		3	7		9	8	13
270	3	6	11		7	2	6
32	2		1				6
283	2	5	10		3	12	10
852	9	11	23		7	34	69

월 Month.	해역 Area		낚시수 No. of hooks	계 Total	참다랭이 BFT	황다랭이 YFT	날개다랭이 ALB
	위도 Lat.	경도 Long.					
9	62 00	070	112748	1926		815	37
	62 00	075	122352	1861		1030	14
	62 00	080	47180	615		117	
	62 00	085	43600	1014		348	1
	62 00	090	52830	583		269	8
	62 05	055	15891	242		104	
	62 05	060	3217	46		22	
	62 05	070	20265	376		150	
	62 05	075	43175	592		142	1
	62 05	080	20370	208		59	
	62 05	085	9940	114		7	
	62 05	090	23024	239		45	7
	62 05	095	12144	120		36	18
	62 05	100	32248	446		72	121
	62 05	105	12040	57		9	
	62 05	110	5390	19		4	
	62 10	075	5250	64		36	
	62 10	080	2625	17		7	
	62 10	085	4718	51		32	1
	62 10	090	3135	38		1	11
	62 10	100	31803	529		50	187
	62 10	105	13713	212		24	49
	62 10	110	13930	133		26	43
	62 15	110	5360	130			97
	62 15	115	18820	298		40	38
	62 25	045	5900	166			154
10	61 00	050	38080	847		387	1
	61 00	055	51131	1028		519	3
	61 00	060	91460	1514		479	15
	61 00	065	246412	4876		1940	257
	61 00	075	49010	756		203	
	61 00	080	29440	399		101	3

눈다랭이 BET	가다랭이 SKJ	팡 새 치 SWO	늑 새 치 BUM	백 새 치 WHM	청 새 치 STM	돛 새 치 SAI	기 타 Others
709	12	32	18		33	26	244
476	31	51	23		36	19	181
466	1	13	6		8	1	3
417	69	57	13		32	3	74
199	3	44	10		10	2	38
103	9	5	1				20
18	2	1					3
188	3	6	1			5	23
410	2	11	2		2	4	18
134	3		2		4		6
37		2	1			1	66
91		4	1			1	90
61		5					
240		4	1		1		7
41		1	1		2		3
14							1
21		2	1			1	3
7		1	1		1		
9		1			1		7
13			1				12
259		5	2		5	1	20
103	2	2	1		3	1	27
52		2			4		6
26		4					3
164		5	1		7	1	42
			12				
403	5	6	6		9	9	21
383	19	8	9		17	30	40
869	18	14	18		31	29	41
1865	23	99	51		118	78	445
228	18	15	33		1	4	254
85		4	24		8	4	170

월 Month.	해역 Area		금 지 수 No. of hooks	계 Total	참다랭이 DFT	황다랭이 DFT	남개다랭이 ALLs
	위도 Lat.	경도 Long.					
10	61 05	050	3090	42		25	
	61 05	055	19114	251		91	
	61 05	060	43200	633		276	
	61 05	065	13200	201		85	
	61 05	070	6588	112		26	4
	62 00	040	15600	175		60	
	62 00	045	19035	410		272	64
	62 00	055	46030	728		307	5
	62 00	060	77982	1197		451	37
	62 00	065	69980	1188		506	2
	62 00	070	36200	679		425	3
	62 05	040	2795	44		9	
	62 05	045	36595	663		343	
	62 05	050	13550	267		133	1
	62 05	055	51620	888		386	32
	62 05	060	98014	1050		337	
	62 05	065	93142	1249		583	7
	62 05	070	19300	172		62	
	62 05	075	5776	46		4	
	62 05	085	3072	23			
	62 05	090	66032	592		51	5
	62 10	050	2540	51		19	
	62 10	055	8040	164		49	
	62 10	060	38675	664	2	256	3
	62 10	065	8142	78		35	
	62 10	070	51173	515		172	
	62 10	075	66066	895		355	10
	62 10	090	26462	358	4	36	1
	62 10	100	30540	998		133	128
	62 15	055	12960	192		23	150
	62 15	115	15140	249	2	32	30
	62 20	055	8180	13		1	10
	62 21	060	12870	157			147

눈다랭이 BET	가다랭이 SKJ	황새치 SWO	녹새치 BUM	백새치 WHM	청새치 STM	돛새치 SAI	기 타 Others
15		1					1
125	4	11	4		5	1	10
328		11	6		8		4
113		3					
26	2				5		49
105		1	4		2		3
20		7	7		8	4	28
335	10	8	6		7	26	24
615	22	33	13		9	10	27
539	16	30	14		22	21	38
149	8	11	13		8	21	41
21		1			12		1
293		1	5		9	4	8
95	8	3	2		5	9	11
358	15	18	8		11	23	37
558	58	12	11		9	12	53
478	32	21	10		12	16	90
76	2	2	3		2	9	16
34		4					4
21		1					1
519		11			2		4
26	3	1			2		
92	12	4			5	2	
336	6	8	3		3	8	39
33	2	1					3
277	1	7	4		5	6	41
152	1	33	7		14	22	121
290	2		2		7	4	10
546	1	16	5		23	5	141
17		1					1
136		5	1		6	1	33
					1		1
	4				1		5

월 Month.	해역 Area		낚시 수 No. of hooks	계 Total	참다랭이 BFT	황다랭이 YFT	날개다랭이 ALB
	위도 Lat.	경도 Long.					
1	61 00	050	36260	793		371	
	61 00	060	23780	542		203	1
	61 00	065	46830	826		260	6
	61 00	070	52200	546		244	
	61 00	075	142010	1594		262	3
	61 00	080	21240	199		87	
	61 05	060	5720	58		7	
	61 05	065	9450	119		42	
	61 05	070	3000	58		15	
	62 00	040	26325	477		320	
	62 00	050	128672	3865		2665	4
	62 00	055	88545	1674		696	2
	62 00	060	73808	1094		543	5
	62 00	065	6400	45		17	2
	62 05	045	6170	76		60	
	62 05	050	30551	543		255	18
	62 05	055	124774	1955		738	8
	62 05	060	6434	87		53	
	62 05	075	5896	32		13	
	62 05	085	37640	295		30	5
	62 05	090	44264	600	5	74	15
	62 05	095	26295	335		68	3
	62 10	050	96951	1562		870	55
	62 10	055	45513	765		376	180
	62 10	060	48204	855		462	42
	62 10	085	14175	205	1	13	9
	62 10	090	14517	205		14	23
	62 10	095	18962	256		29	26
	62 15	050	38090	540		100	398
	62 15	055	48790	939		129	743
	62 15	095	2401	7			

눈다랭이 BET	가다랭이 SKJ	황새치 SWO	녹새치 BUM	백새치 WHM	청새치 STM	돛새치 SAI	기 타 Others
370	1	5	5		8	11	22
301	1	8	7		5	6	10
500	1	24	3		16	15	1
248		10	17		11	16	
1097		33	38		132	21	8
73		4	3		21		11
43		2	3			2	1
65			6		2	4	
40			1		1	1	
100		3	7		14	15	18
945	1	22	39		45	67	77
778	2	22	17		34	86	37
436	1	36	9		16		48
21		2			1	2	
13					2		1
194	1	6	3		7	20	39
1050	1	24	9		26	20	79
19		3	1			3	8
13		3			1		2
225	1	16	5		5	1	7
426	1	7	5		16	14	37
210		6			1		47
417	2	32	12		13	45	116
109	1	17	13		14	16	39
237	1	17	11		17	22	46
170	1		3				8
147	1		1		3	4	12
160	1	4	1		5	1	29
15	1	3	3		3		17
31	2	2	10				22
7							

월 Month.	해역 Area		낚시수 No. of hooks	계 Total	참나랭이 BFT	장나랭이 YPT	날개나랭이 ALB
	위도 Lat.	경도 Long.					
12	61 00	050	48898	720		376	2
	61 00	055	9360	214		87	
	61 00	060	106040	2079		833	33
	61 00	065	34490	565		190	
	61 00	070	59608	800		278	
	61 00	075	2700	46		19	
	61 00	080	55320	987		301	
	61 00	085	5100	59		24	
	61 05	060	4212	52		3	
	61 05	065	27000	343		79	
	61 05	075	3120	33		9	
	62 00	040	13580	307		142	
	62 00	045	24220	537		245	
	62 00	050	102780	1657		899	13
	62 00	055	89490	1879		1069	59
	62 00	060	86018	1221		594	5
	62 00	065	33980	473		219	
	62 00	070	104057	2445	27	505	42
	62 00	075	13640	348		136	
	62 00	085	39432	372		82	
	62 00	090	38658	394		60	5
	62 05	040	27930	564		300	3
	62 05	045	10500	227		120	1
	62 05	050	45186	895		432	25
	62 05	060	37800	541		148	
	62 05	065	6800	57		44	1
	62 05	085	25657	305		43	
	62 05	090	75455	352		156	85
	62 05	095	30413	367		47	3
	62 10	050	19700	222		79	
	62 10	090	6012	69		6	20
	62 10	095	14976	300		39	116
	62 15	050	30900	590		105	448

눈다랭이 BET	가다랭이 SKJ	황새치 SWO	녹새치 B'M	백새치 W:EM	청새치 STM	두새치 SAI	기 타 Others
258	1	16	10		10	10	37
110			5		2		10
981	13	24	13		23	42	117
334	1	13	12		6	3	6
469	1	18	2		12	9	11
22		1				3	1
597	7	37	8		15	7	15
28		2	2		3		
45		1	1		1		1
240		3	7		5		9
22					1	1	
144	1	2	2		3	4	9
254	1	4	5		5	7	16
534	3	18	21		18	72	79
520	3	21	11		12	59	125
422	8	33	12		7	44	96
220	1	8	3		3	6	13
1720	5	9	28		41	15	53
187	4	6	2		6		7
219		13	9		13	4	32
303		7	7		6	2	4
194	1	5	5		8	22	26
78	1	2	2		3	9	11
322	1	12	5		6	20	52
159	1				3	2	13
25		2	3			5	7
242		14	1		5		
538		14	5		7	6	42
305		9			1		2
84							66
34			1				8
102		6	3		3	2	29
9	2	2	11		4		9



1976

월 Month.	해역 Area		낚시수 No. of hooks	계 Total	참다랭이 BFT	황다랭이 YFT	날개다랭이 ALB
	위도 Lat.	경도 Long.					
1	61 00	065	60425	1282		538	
	61 00	075	70196	1439	4	428	7
	61 00	080	116101	1731	3	562	19
	61 00	085	66091	1180		618	8
	61 00	090	14020	397		156	
	61 05	065	102525	1591		372	15
	61 05	075	28112	645	2	102	20
	61 05	080	17225	405	4	72	15
	61 05	085	5360	186		51	
	61 10	085	41010	491		83	3
	62 00	045	17080	353		176	1
	62 00	055	14625	326		222	
	62 00	060	55268	961		471	32
	62 00	065	24997	558		279	22
	62 00	070	49200	693		279	1
	62 00	075	91876	1230		504	3
	62 00	080	35850	485		211	1
	62 05	040	43750	949		445	7
	62 05	060	7560	236		156	7
	62 05	065	31250	384		141	
	62 05	070	9450	108		30	
	62 05	095	18625	165		38	10
	62 10	040	13640	783		638	17
	62 10	095	76531	1983		146	378
	62 10	100	39844	479		62	71
	62 10	105	21000	448		71	151
	62 15	050	39500	533		54	397
	62 15	055	5200	175		21	109
	62 20	050	82900	1991		289	1414
	62 20	055	52730	1107		279	546

눈나랭이 BET	가나랭이 SKJ	황 새 치 SWO	녹 새 치 BUM	백 새 치 WHM	청 새 치 STM	동 새 치 SAI	기 타 Others
666	6	14	20		1	1	36
861	20	14	41		1	2	61
936	20	35	51		1	2	102
384	30	14	21		2	2	101
161	46	5	8		2	1	18
1005	1	36	76		2	3	81
475	7		14		1	2	22
290	6		4		1	2	11
66	42	4	3		2	3	15
246	21	11	20		2	2	103
144	3	1	4		2	2	20
58	6	3	15		2	2	18
309	16	20	29		1	3	80
183	9	11	7		2	2	43
312	2	3	11		2	2	81
466	35	22	18		2	3	177
226	3	9	13		1	2	19
293	33	24	18		1	2	126
56		2	2			3	10
138	7	11	2			2	83
68		2	2		1		5
114		2				1	
23	3	3	58		2		39
1379		24	12		1	1	42
339		4			1		2
226							
5	26		22		1	3	25
26			12		1		6
31	95	23	40		1	3	95
112	56	12	17		1	2	82

월 Month.	해역 Area		낚시수 No. of hooks	계 Total	참다랭이 BFT	황다랭이 YFT	날개다랭이 ALB
	위도 Lat.	경도 Long.					
1	62 25	050	2600	25			
	62 25	055	23400	770		69	425
	62 25	060	2600	53		27	24
2	61 00	060	22984	229		112	
	61 00	065	59460	1247		715	1
	61 00	075	30448	405		138	
	61 00	080	38879	350		68	
	61 00	085	55637	781		247	11
	61 00	090	66886	1011		485	9
	61 05	060	12423	102		14	3
	61 05	065	21498	481		198	1
	61 05	070	13914	190		94	1
	61 05	075	12048	201		97	1
	61 05	080	11900	309		117	2
	61 05	090	25736	314		100	
	62 00	040	3330	21		10	
	62 00	055	12848	200		111	8
	62 00	060	39500	726		203	
	62 00	065	26560	427		218	65
	62 00	070	5180	117		51	
	62 00	075	3240	11		5	
	62 00	080	61350	799		278	
	62 05	040	17050	170		75	21
	62 05	080	13380	258		140	2
	62 05	100	31480	482		89	26
	62 10	040	44880	834		538	84
	62 10	055	16700	164		35	82
	62 10	065	5600	99		57	8
	62 10	080	29470	572		183	43
	62 10	090	26400	409		48	7
	62 10	095	17470	162		21	8
	62 10	100	34437	461		50	18
	62 10	105	33000	667		162	111

눈다랭이 BET	가나랭이 SKJ	황새치 SWO	녹새치 BUM	백새치 WHM	청새치 STM	돛새치 SAI	기 타 Others
25							
27	190		14		1	2	42
2							
82			9				26
476	5	8	18			7	17
238			18			2	9
239		1	28			6	8
425	20	8	21			16	33
427	12	17	11			10	40
36	1	2	26			10	10
251	2	3	8			4	14
56	5	4	11			10	9
76	2	1	5			11	8
176	1	2	3		2	1	5
110	16	18	32			11	27
2			3				6
54	8	1	9			1	8
424		11	13				75
42	23	4	13			6	56
57	1		1		1	2	4
5							1
470		18	19				14
6			44				24
76	5	2	6			14	13
350		9					8
19	13		127				53
8	11	1	16			7	4
6	8	1	1		1	1	16
252	35	6	11			8	34
284	30	2	4			1	33
96	13	1			1	2	20
385		2					6
394							

월 Month.	해역 Area		낚시수 No. of hooks	계 Total	참나랭이 BFT	황다랭이 YFT	날개다랭이 ALB
	위도 Lat.	경도 Long.					
2	62 15	050	5200	101			56
	62 15	055	85200	1208		172	712
	62 15	060	18200	557		71	317
	62 20	050	10400	280		26	161
	62 20	055	9200	132		38	85
	62 25	050	2600	54			54
3	61 00	055	13060	199		77	
	61 00	075	20230	458		240	2
	61 00	080	10500	229		120	1
	61 00	085	68110	1006		393	
	61 00	090	32298	315		11	
	61 05	085	9100	131		40	
	61 05	090	19300	222		72	
	61 10	080	22055	469		124	8
	61 10	085	19530	442		157	4
	62 00	055	71480	1180		662	255
	62 00	060	68640	1391		452	
	62 05	060	73400	1183		349	2
	62 05	095	5600	44		27	1
	62 05	100	40220	486		133	58
	62 05	105	47530	523		176	6
	62 10	040	36392	1239		703	322
	62 10	090	18300	169		29	5
	62 10	095	6000	50		7	17
	62 10	100	25200	291		117	
	62 10	105	27600	364		101	9
	62 15	060	20800	356		82	167
	62 15	065	5200	50		20	13

눈다랭이 BET	가나랭이 •SKJ	왕새치 SWO	늑새치 BIM	백새치 WHM	청새치 STM	동새치 SAI	기타 Others
		15					30
69	39	5	35			69	107
59		20	20			20	50
27			11				55
	2	1	1				5
98					18		6
156	8	4	4		6	18	20
78	4	2	2		3	9	10
424	2	4	4		6	6	167
283		11			5		5
49							42
84							66
284	3		3		11	11	25
264	3				9		5
78	79	2	5		6	10	83
892					34		13
686		21	35		20		70
16							
263	8	6	2		5	4	7
325		5	1		3		7
36	39	5			33	21	80
115	15				1	4	
26							
152		7	3		5		7
233		6	3		2		10
10					4	4	89
							17

월 Month.	해역 Area		낚시수 No. of hooks	계 Total	참다랭이 BFT	황다랭이 YFT	날개다랭이 ALB
	위도 Lat.	경도 Long.					
3	62 20	060	13 000	249		40	76
	62 30	040	6 600	103		2	88
	62 35	030	7200	252		1	211
4	61 00	045	10160	301		54	
	61 00	050	44640	1321		315	
	61 00	055	12670	340		163	
	61 00	080	26970	415		251	4
	61 00	090	37200	444		144	
	61 05	065	8247	40		4	
	61 05	085	7900	70		17	
	61 05	090	5100	85		21	
	61 15	080	9700	57		16	
	61 15	085	9600	81		41	
	62 00	075	17700	222		72	
	62 00	080	12040	148		48	
	62 05	065	23650	412		103	
	62 05	070	44900	1041		377	
	62 05	100	12600	163		63	
	62 05	105	48600	473		173	21
	62 05	110	3150	27		3	
	62 10	040	96427	2516		2020	45
	62 10	095	9450	133		64	
	62 10	100	30600	405		149	
	62 10	105	15000	115		26	16
	62 10	110	45000	476		135	23
	62 35	030	55105	444		84	78
	62 35	035	92175	658	2	117	103
	62 35	040	14760	119		35	14

다랭이 BET	가다랭이 *SKJ	황 새 치 SWO	녹 새 치 BUM	백 새 치 WHM	청 새 치 STM	동 새 치 SAI	기 타 Others
36		3					94
1		1	1		1		9
30		3	1				6
234			8				5
956			37		1		12
155	7	3	10			1	1
90		12	41			2	15
168							132
16	1	1	2		3	1	12
39		6	3				5
52		5	2				5
16		16			2	2	5
11		15	8				6
84							66
56							44
275		12	11				11
598		10	33				23
94		2	1				3
261					1		17
23		1					
104	71	29	40			10	197
63	2	1	1		1		1
232		4	5				15
73							
318							
131	42	13	6			1	89
179	43	28	15				171
21	30	1	2		2	3	11

월 Month.	해역 Area		낚시수 No. of hooks	계 Total	황다랭이 BFT	황다랭이 YFT	날개다랭이 ALB
	위도 Lat.	경도 Long.					
5	61 00	050	23760	736		242	
	61 00	055	61570	2163		1041	21
	61 00	060	6250	365		192	3
	61 00	095	12600	115		48	
	61 05	055	95584	2253		583	
	61 05	060	21520	343		12	
	61 05	065	8300	74		13	
	61 05	070	5600	39		22	
	61 05	075	16600	113		66	
	61 05	095	12440	115		48	
	61 10	055	31730	964		557	
	62 00	060	6080	64		34	
	62 00	085	20700	758		402	
	62 05	085	14900	461		115	
	62 05	095	45400	424		168	
	62 05	105	54000	916		302	83
	62 10	040	96427	2406		2020	158
	62 10	075	17900	140		66	
	62 10	100	36000	859		266	165
	62 10	115	3000	44		19	
	62 30	030	5200	31		7	14
	62 30	035	31100	224		34	108
	62 30	040	15650	187		20	123
	62 35	030	6600	86		3	21
	62 35	035	23500	181		46	76
	62 35	040	141920	1744		184	1157
	62 35	045	12160	153		16	97
	62 35	055	27120	212		26	95
6	61 00	050	35962	946		383	
	61 00	055	75756	1814		662	6

눈다랭이 BET	가다랭이 SKJ	황새치 SWO	녹새치 BUM	백새치 WHM	청새치 STM	갈새치 SAI	기타 Others
478		4			1	1	10
1061		7	13		1	2	17
163		1	4			1	1
56							11
1623	5	3	13		1		25
232	17	2	4				16
48		3				2	8
9						3	5
41		1			1		4
56							11
367		3	3		1		33
30							
330		12	4				10
316		6	6				18
196							60
531							
104	71	14			1	3	35
52		3	3				16
428							
24							1
2							8
42		8	3		1		28
18	6	3	1			1	15
47	4	1					10
32	4	3			1	1	18
168	41	20	12				162
5	18		1		1	1	14
13	43		2		1	2	30
534		3	9		2	2	13
1071	7	9	25		3	3	28

월 Month.	해역 Area		낚시 수 No. of hooks	계 Total	삼다랭이 SFT	화다랭이 YFT	날개다랭이 ALB
	위도 Lat.	경도 Long.					
6	61 00	060	35550	1457		716	10
	61 00	065	24360	602		195	23
	61 00	080	2300	34	10	8	
	61 00	085	8300	86	3	63	
	61 05	050	10270	125		10	
	61 05	055	28720	609		65	
	61 05	065	3140	72		6	
	62 00	055	64565	935		423	
	62 00	060	33435	426		216	
	62 00	065	197020	3148		1908	56
	62 00	075	19920	336		136	
	62 00	080	9195	109		52	
	62 00	085	8189	258		78	
	62 00	090	18481	402		118	
	62 05	040	12880	476		394	28
	62 05	045	6384	74		45	
	62 05	050	9600	56		11	17
	62 05	060	6400	74		39	
	62 05	065	27850	195		44	
	62 05	090	17500	222		72	
	62 05	095	28680	370		120	
	62 05	100	11500	148		48	
	62 05	110	33000	379		96	
	62 10	040	35112	500		392	31
	62 10	105	11200	110		80	
	62 10	115	15000	152		66	15
	62 25	050	25200	364		21	234
	62 30	030	113545	1085		177	419
	62 30	035	83400	624		128	302
	62 30	040	27825	394		42	198
	62 30	045	120620	1220		115	728

나랭이 BET	가다랭이 SKJ	황새치 SWO	녹새치 BUM	백새치 WHM	청새치 STM	동새치 SAI	기 타 Others
693	6	2	17		2	1	10
340		9	12		1	1	21
13			2				1
16			4				
92	9	2	2		2	1	7
478	41	3	6		3		13
64			1				1
439	41	2	14		2	1	13
195		1	10				4
1007		21	44		6	5	101
197					3		
55			1				1
174	1	3	1				1
268	4	3	5				4
44			7				3
25		1					3
23		2	2				1
35							
77		4	49		2	6	13
84							66
140							110
56							44
252							31
53		4	4		2		14
26							4
55							16
31	57		4			2	15
210	48	23	23			2	183
86	4	10	30		3	2	59
49		9					96
258	71	14	5				29

월 Month.	해역 Area		낚시수 No. of hooks	계 Total	참다랭이 BFT	황다랭이 YFT	날개다랭이 ALB
	위도 Lat.	경도 Long.					
7	61 00	085	12904	239	1	102	2
	61 00	090	13650	245	1	88	
	62 00	060	46045	596		289	12
	62 00	065	169940	2723		1693	37
	62 00	070	126860	2156		1240	17
	62 00	075	45247	994		419	9
	62 00	080	85612	1549		740	15
	62 00	085	129549	2923		1616	78
	62 05	040	25500	594		208	177
	62 05	045	66770	2465		1592	391
	62 05	060	122530	1693		520	
	62 05	065	102938	2093		810	1
	62 05	070	8347	343		120	
	62 05	080	44030	973		218	
	62 05	085	71547	1176		397	
	62 05	090	42260	572		137	41
	62 05	095	54000	805		329	51
	62 05	100	5600	59			8
	62 10	040	12768	309		246	29
	62 10	045	6570	109		10	68
	62 10	060	8400	111		48	
	62 30	030	23400	630		115	468
	62 30	035	134700	8194		393	7495
	62 30	040	37160	1813		26	1573
	62 30	045	44640	3228		44	2945
8	61 00	055	30265	660		212	5
	61 00	060	34300	628		148	13
	61 00	065	24780	752		317	8
	61 00	085	5800	134		74	13
	61 00	090	8700	202		87	20
	61 05	060	3105	3			
	61 05	100	11600	258		146	13

눈다랭이 BET	가다랭이 SKJ	황새치 SWC	녹새치 BUM	백새치 WHM	청새치 STM	돔새치 SAI	기타 Others
130					1		3
152		1					3
236	28	7	8		1		15
885		23	38		1		46
755		11	62		1		70
471	31	5	9		1		40
752		22	10		1		9
1121		38	12		1		57
181		2	5		1		20
402			13		1		66
1087	27	1	21				37
1189	42	7	18		1		25
193	28		1				1
732	5	8			1		9
650	3	11	3		1		111
252							142
345							80
51							
26		1	2				5
20			7				4
57	1		2				3
12		7	6		1		21
191	6	10	5		1		93
198		2					14
206		8	1				24
337	71	12	6		12		5
391	25	13	13		6	2	17
381	10	17	5		3	1	10
47							
93					1	1	
1					1		1
99							

월 Month.	해역 Area		낚시 수 No. of hooks	계 Total	참다랭이 BFT	황다랭이 YFT	날개다랭이 ALB
	위도 Lat.	경도 Long.					
8	61 10	060	14500	352		165	34
	62 00	045	16380	93		35	2
	62 00	055	3090	6		3	
	62 00	060	50623	1232	2	529	13
	62 00	065	14460	251		110	1
	62 00	070	32208	421		253	
	62 00	075	183112	2066		1013	23
	62 00	080	29442	266		72	
	62 05	045	19800	86		10	8
	62 05	050	3240	20			
	62 05	055	33280	574		319	43
	62 05	060	17390	254		157	18
	62 05	065	16555	231		155	
	62 05	070	114115	2032		772	
	62 05	075	30810	609		174	
	62 05	080	17992	307		20	
	62 05	085	83872	1515		437	81
	62 05	090	56990	1023		84	122
	62 10	045	9990	76		9	53
	62 10	055	30740	687		431	29
	62 10	065	14210	145		49	
	62 10	070	10994	351		125	1
	62 10	075	23595	849		59	
	62 10	080	21117	405		87	
	62 10	085	10465	143		27	
	62 25	045	8900	135		15	101
	62 25	050	54500	1117		131	601
	62 30	030	2600	40		11	19
	62 30	035	9552	164		16	118
	62 30	040	12728	185		7	135
	62 30	045	181040	4157		96	3210
	62 30	050	18720	398		2	230

눈다랭이 BET	가나랭이 SKJ	황새치 SWO	녹새치 BUM	백새치 WHM	청새치 STM	돛새치 SAI	기 타 Others
151							2
44			6			1	5
			1		2		
591	28	22	14		7	21	5
79	36	8	3		5	3	6
100		11	16		15	21	5
669		118	71		91	31	50
139	1	32	12		6	1	3
38			4		6		20
17							3
20	38		1			58	95
28	9	2	8		2		30
65		2	1		3	2	3
1113		39	18		40	9	41
408		7			5		15
254	8	6	3		11	1	4
916		36	7		17		21
768		9	4		10		26
5			3		2		4
87	37		3		2	26	72
80		5			5	3	3
205		8	1		4	2	5
766	2	12			3	2	5
279	7	18	3		8		3
100		6			6		4
	9					6	4
110		1			1	120	153
1		1			2		6
20		1			1		8
30		3			1		9
700	6	13	1		7	17	107
157		4					5

월 Month.	해역 Area		낚시수 No. of hooks	계 Total	참나랭이 BPT	화나랭이 YPT	날개나랭이 ALT
	위도 Lat	경도 Long.					
9	61 00	055	37135	949		135	
	61 00	060	105275	2875		803	103
	61 00	065	17460	256		124	12
	61 00	075	55450	834		669	
	61 00	090	1950	17			
	62 00	050	2900	75		35	10
	62 00	055	36620	600		307	42
	62 00	060	175567	3058		1317	100
	62 00	065	51355	881		446	247
	62 00	070	3000	50		11	
	62 00	075	109360	1210		622	19
	62 00	090	2255	38		9	
	62 05	055	2700	20		17	2
	62 05	060	32650	407		184	
	62 05	065	51777	1130		705	
	62 05	070	21650	292		16	
	62 05	075	5600	77		28	
	62 05	080	2795	23		4	
	62 05	085	9675	120		19	11
	62 10	045	16740	185		73	60
	62 10	050	20800	312		97	188
	62 10	055	253000	4130		1366	1835
	62 10	060	37556	716		418	16
	62 10	065	30550	799		375	
	62 10	070	12729	443		230	3
	62 10	095	12900	203		70	
	62 15	050	2800	14		5	7
	62 15	055	50500	682		173	374
	62 20	050	6352	31		10	10
	62 20	055	20100	249		54	129
	62 25	050	24000	353		31	259
	62 25	055	5800	73		16	41

눈다랭이 BET	가다랭이 SKJ	황 새 치 SWO	녹 새 치 BUM	백 새 치 WHM	청 새 치 STM	돛 새 치 SAI	기 타 Others
688	6	3	2		2		13
1872		20	11		2		64
109		5	1		1	1	3
123		10	15		1	1	15
16					1		
30							
234	5	3			1		8
1444	10	15	33		2	1	136
84		2	9		1	1	91
39							
473		33	22		3	2	36
28		1					
							1
185		1	7		1		29
377	15	7	6		1	1	18
265		1	4		2		4
49							
18							1
83							7
29		1	2				20
14		2					11
280		20	2		3	2	622
264	9				1		8
402	5	6	3		1		7
197	8	2					3
117							16
1			1				
81		3	1				50
2					1		8
17		2				1	46
24		5					34
3							13

월 Month.	해역 Area		낚시수 No. of hooks	계 Total	참다랭이 BFT	왕다랭이 YFT	날개다랭이 ALB
	위도 Lat.	경도 Long.					
9	62 30	040	61744	1869		53	1554
	62 30	045	21756	468		33	298
	62 30	050	11520	170		30	88
	62 30	055	19920	237		7	194
10	61 00	050	2925	71		31	
	61 00	055	28710	287		74	
	61 00	060	129041	2243		1161	34
	61 00	065	21325	631		168	19
	61 00	075	2900	72		25	7
	61 05	055	2850	36		1	
	61 06	060	2800	25		15	
	61 05	065	8700	213		97	17
	62 00	050	19535	249		112	
	62 00	055	2800	41		25	
	62 00	060	37700	739		430	3
	62 00	075	63550	948		542	7
	62 00	080	2925	72		11	
	62 05	055	28538	448		302	7
	62 05	060	20725	171		80	
	62 05	065	2730	77		65	
	62 05	075	13522	1573		620	2
	62 05	085	50510	1063		205	287
	62 10	040	17100	302		158	101
	62 10	045	92980	2650		1846	493
	62 10	050	92155	1538		730	570
	62 10	055	296135	5284		2299	2214
	62 10	060	71910	816		605	15
	62 10	065	105590	2453		1002	9
	62 10	070	40685	645		92	
	62 10	075	72007	1087		412	86
	62 10	095	27000	487		145	12
	62 15	050	13000	315		72	162

눈다랭이 BET	가다랭이 SKJ	황새치 SWO	녹새치 BUM	백새치 WHM	청새치 STM	돛새치 SAI	기타 Others
231		7			1		23
126							11
10						1	41
31		3					2
36		1					3
189		2	6		1	1	14
961	1	38	12		2	8	26
428		6	2			3	5
40							
23		1				1	10
1		1	3				5
97		2					
124	3	3					7
9		3				3	1
237	9	20	2		1	33	4
342	1	28	18		2	2	6
60		1					
110		12				6	11
87		1				2	1
10	1						1
832	1	46	36		1	15	20
516							55
20		4	3				16
152	21	3	27		1	7	100
52	18	18	6		1	20	123
468	14	81	16		1	40	151
167		12			2	9	6
1332	8	29	3		2	19	49
508	7	23	3		1		11
471	1	25	28		1	12	51
308							22
9	2					11	59

월 Month.	해역 Area		낚시수 No. of hooks	계 Total	참다랭이 BFT	황다랭이 YFT	날개다랭이 ALB
	위도 Lat.	경도 Long.					
10	62 15	055	61350	1464		359	769
11	61 00	075	44650	714		340	63
	61 00	080	55500	567		269	40
	62 00	065	11130	114		60	10
	62 00	070	13900	464		385	
	62 00	080	16965	115		34	
	62 00	085	11445	115		35	
	62 00	090	17580	198		74	
	62 05	050	5880	81		12	
	62 05	055	49960	834		119	6
	62 05	065	21120	281		57	
	62 05	070	6045	55		20	
	62 05	080	34355	596		94	3
	62 05	085	7170	118		49	
	62 05	090	32388	509		129	
	62 05	095	88488	1467		437	79
	62 10	040	6120	519		492	2
	62 10	045	94840	2288		801	1031
	62 10	050	100624	1611		410	505
	62 10	055	131731	2268		720	584
	62 10	060	13130	171		97	
	62 10	065	49685	946		456	14
	62 10	075	74100	804		426	20
	62 10	080	27550	258		95	5
	62 10	095	5299	147		4	28
	62 15	050	152520	3265		638	2129
	62 15	055	80980	1333		315	843
12	61 00	065	5620	155		91	
	61 05	060	2800	33		15	
	61 05	070	5380	73		17	

다랭이 BET	가다랭이 SKJ	황새치 SWO	녹새치 BUM	백새치 WHM	청새치 STM	등새치 SAI	기타 Others
88	44	1			1	40	162
300			8				9
195		3	34		2	2	22
28	4	2	4			2	4
64		3			3	5	4
64	2	1	3		2		6
74	1	1	2		1		
107			8		2		
66			1		1	1	
682		8	1		3		15
214		1	2		1	1	5
33		1					1
482		3	9		3	1	1
63		2	1		3		
368			7		2		3
905		10	21		5	2	8
10			3		2		10
242	41	8	4			7	154
629	11	11	7		2	1	35
851		12	13		3	2	83
62		2	1				9
437	2	3	11		2	2	19
310		3	25		1		19
131		2	15		1		9
112		1	2				
216	59	13	22		1	8	179
60	1	6	3		1	3	101
34		4	3		1		22
1		1	5		2		9
33		5	3		2		13

월 Month.	해역 Area		낚시수 No. of hooks	계 Total	참다랭이 BFT	참다랭이 BFT	날개나랭이 ALB
	위도 Lat.	경도 Long.					
12	62 00	055	11600	310		151	21
	62 00	060	28700	558		315	3
	62 00	075	8700	222		103	22
	62 00	080	11900	153		71	8
	62 00	085	11445	119		35	
	62 00	090	6300	89		25	
	62 05	050	25270	417		130	132
	62 05	055	130842	2233		1519	80
	62 05	070	27000	621		203	2
	62 05	075	62715	1546		457	8
	62 05	080	8580	127		22	2
	62 05	085	28671	468		91	83
	62 05	090	38630	815		149	292
	62 05	095	124076	2842		608	96
	62 05	100	175911	1885		1089	322
	62 05	105	14000	334		212	
	62 05	110	1848	32		2	7
	62 10	045	96600	2898		2196	12
	62 10	050	68821	1144		545	178
	62 10	055	128138	2416		1014	279
	62 10	085	2490	25		5	5
	62 10	090	2490	67		12	36
	62 10	095	10780	570		29	59
	62 10	100	93156	2462		513	466
	62 10	105	16800	227		44	
	62 15	050	112300	2575		722	1649
	62 15	055	176498	3725		1050	2377
	62 15	060	20340	622		209	369
	62 20	050	8400	136		39	79

눈다랭이 BET	가다랭이 *SKJ	황새치 SWO	녹새치 BUM	백새치 WHM	청새치 STM	돛새치 SAI	기타 Others
135	2						1
176	9	14	5		1	31	4
97							
60		3	7		2		2
74	1	3	4		1		1
54		4	3		1		2
73	10	8	10		1	12	41
510	4	27	25		3	25	39
381		4	10		2	4	15
1011		20	24		4	17	11
96		5	1				1
263		1	17		2	1	10
343			14		1		16
2071	9	21	6		1	11	19
326		22	50		4	32	40
70		5	36		2	4	5
19		1	2				1
192	58	23	44		4	169	200
354		19	13		2	10	23
988	4	53	24		1	16	37
9			3				3
18			1				
479		2	1				
1400		17	22		2	16	26
161			5		1	13	3
82		71	20		3	6	22
94		109	25		2	16	52
4		20	1				19
10		7	1				



1977

월 Month.	해역 Area		낚시수 No. of hooks	계 Total	참다랭이 BFT	흰다랭이 HFT	남개다랭이 ALE
	위도 Lat.	경도 Long.					
1	61 00	055	2450	56		19	
	61 00	065	8100	107		37	
	61 00	075	13715	332		92	
	61 00	090	14942	313		78	
	61 00	095	46440	679		239	105
	62 00	055	75640	2519		1815	
	62 00	060	3360	68		42	
	62 00	065	26290	597		321	1
	62 00°	070	13790	412		245	
	62 00	075	27170	302		189	2
	62 00	080	32430	430		246	4
	62 00	085	8288	118		33	
	62 00	090	32044	561		207	
	62 05	045	20680	1594		1109	27
	62 05	050	108565	2882		2014	65
	62 05	055	231389	5461		3663	31
	62 05	060	173354	5148		2826	422
	62 05	065	314730	8369		5428	56
	62 05	070	70031	1787		644	60
	62 05	075	6000	97		20	8
	62 05	080	58430	1006		265	43
	62 05	085	144315	2825		753	503
	62 05	090	69081	1314		416	158
	62 05	095	100287	1820		652	53
	62 05	100	23330	535		125	15
	62 10	045	37950	2931		2656	35
	62 10	050	26581	584		277	60
	62 10	055	24180	574		255	226
	62 10	060	50380	1597		621	659
	62 10	065	9930	468		346	12
	62 10	070	2800	86		22	20
	62 10	085	23644	526		109	143
	62 10	090	26274	607		93	117
	62 10	095	92711	1782		321	257
	62 10	100	120648	2513		562	270

눈다랭이 BET	가다랭이 SKJ	황새치 SWO	녹새치 BUM	백새치 WHM	청새치 STM	돛새치 SAI	기 타 Others
33		1	3				
45	3	12	1				9
211		5	3			1	20
199		1	1		4		30
308		6	8		6	1	6
539		43	3		7	4	108
16	4	3					3
243		5	10		9	4	4
143		2	4		5	1	12
82		1	7				21
164		5	6		2		3
72		2	2		3		6
335		10	4		2		3
123		8	3		10	8	306
751		10	4				38
1422	1	47	3		7	4	283
1482	47	92	3		5	9	262
2578	1	41	7		5	4	249
995	2	12	9		29	11	25
65						1	3
598		5	4				91
1460		35	3		22	14	35
703		18	8		9		2
1062	19	9	5		12	1	7
274	2	3	1		4	9	102
53		7	12		12	11	145
242		1	1				3
63		21	2			1	6
231		55	5		3	2	21
107							3
44							
252	9		3			1	9
377		8	5		1	3	3
1150		14	9		14	3	14
1565	28	1	11			4	72

월 Month.	해역 Area		낚시 수 No. of hooks	계 Total	잠나랭이 BHT	화다랭이 BHT	날개다랭이 ALB
	위도 Lat.	경도 Long					
1	62	10	2800	24		12	10
	62	15	16230	262		63	166
	62	15	2800	102		41	51
	62	15	67921	1309		680	425
	62	15	4200	178		124	10
	62	15	5320	107		28	70
2	61	00	23400	220		97	35
	61	00	18200	226		78	28
	61	00	129461	2512		1585	435
	61	00	20865	448		130	23
	61	00	2795	95		17	
	61	05	12800	212		85	17
	62	00	15800	444		106	1
	62	00	29250	625		241	10
	62	00	35300	1017		888	
	62	00	168780	4402		2959	17
	62	00	68090	2053		1611	
	62	00	36140	729		350	
	62	00	106525	3019		1458	
	62	00	13600	370		163	
	62	00	26400	412		147	1
	62	00	2950	47		17	
	62	05	100005	3016		1986	41
	62	05	78120	4205		2824	48
	62	05	289061	9253		6951	20
	62	05	483399	16289		12277	25
	62	05	114162	3404		1830	143
	62	05	10905	425		33	1
	62	05	6048	100		81	1
	62	05	6160	364		229	1
	62	05	13230	203		45	11
	62	05	64750	912		289	57
	62	05	34350	378		143	1

눈다랭이 BET	가나랭이 SKJ	황새치 SWO	녹새치 BUM	백새치 WEM	청새치 STM	돛새치 SAI	기 타 Others
2							
18		4	1				10
8		2					
158		16					30
44							
3	2		3				1
70	10						8
94	10						16
297	2	27	28		2	1	135
268	11	3	4		5	2	2
74		1					3
80	18						12
301			6			3	27
296			18		2	5	50
75		5	11		2	1	35
1071	11	20	16			8	300
328		12	11			5	86
357		5	7			6	4
1381	30	47	40			8	55
167	30		1		3	1	5
264							
30							
551		12	18		39	19	350
237		12	23		48	38	975
1212	35	27	22		43	8	935
2664	31	47	16		39	23	1167
1135	9	34	16		3	7	227
346		3				1	41
	14		1			2	1
129		1	1				3
140		1	1				5
505	13	17	13			7	11
228		2	1				3

월 Month.	해역 Area		남시수 No. of hooks	계 Total	참다랭이 BFT	황다랭이 HFT	날개다랭이 ALB
	위도 Lat.	경도 Long.					
2	62 05	095	83 630	1587		575	13
	62 05	100	89786	2473		840	71
	62 05	105	7200	187		50	
	62 05	110	2750	122		20	22
	62 10	050	11200	184		110	
	62 10	055	17820	427		318	6
	62 10	060	5698	42		25	
	62 10	065	16882	288		177	33
	62 10	070	7613	170		29	10
	62 10	085	2800	31		3	8
	62 10	090	5060	67		13	5
	62 10	095	2950	61		21	
	62 10	100	2800	43		9	7
	62 15	060	6200	171		81	9
	62 15	065	7715	193		113	10
3	62 05	050	8665	88		15	
	62 05	055	220406	5930		2305	1
	62 05	060	215550	5416		2908	20
	62 05	065	28472	579		248	29
	62 05	070	32618	826		127	57
	62 05	075	18410	263		132	3
	62 05	080	17400	341		121	25
	62 05	085	11200	208		37	34
	62 05	090	5800	73		14	8
	62 05	095	35800	558		163	
	62 05	100	50314	811		181	23
	62 05	105	31815	787		180	20
	62 10	040	9805	140		73	38
	62 10	045	2376	46		27	15
	62 10	055	11618	269		168	
	62 10	060	12800	400		312	2
	62 10	065	5700	167		72	10
	62 10	085	5600	82		11	9
	62 10	095	2950	75		10	

다랭이 BET	가다랭이 SKJ	황 새 치 SWO	녹 새 치 BUM	백 새 치 WHM	청 새 치 STM	돛 새 치 SAI	기 타 Others
944	19	4	15			3	14
1279	19	5	16		1	8	234
106	29						2
70	5		3			2	
69		2	3				
56	2	13	1		13	6	12
2	13					1	1
78							
120							11
20							
46		1	1				1
40							
27							
81							
70							
56		1					11
3163		77	1			2	381
2258	15	58	1			2	154
271		2	1			1	27
622		6					14
110	10	1	1				6
160	13					8	14
91	25					8	13
47							4
392							3
571	9	7				3	17
575		5					7
9		4	2			3	11
1						3	
82						4	15
73		7					6
85							
44	8					2	8
64							1

월 Month.	해역 Area		낚시수 No. of hooks	계 Total	참다랭이 DFT	와다랭이 IFT	날개다랭이 ALT
	위도 Lat.	경도 Long.					
3	62 10	100	2270	133		7	6
	62 10	105	4800	200		35	27
	62 15	075	15972	294		178	26
	62 30	030	3430	38		7	20
	61 00	055	76285	3323		1472	81
	61 00	060	13100	218		95	12
	61 00	065	2700	45		17	
	61 00	070	2640	159		147	
	61 00	075	28985	428		174	
	61 00	080	40265	1063		502	
	61 00	085	17190	243		72	
	61 05	055	23210	707		178	
	61 05	060	10400	227		91	27
	62 00	040	2925	42		11	
	62 00	045	30079	937		472	1
	62 00	050	15600	423		274	
	62 00	055	146046	5614		3940	24
	62 00	060	1595468	16668		10057	68
	62 00	065	249731	4722		2188	51
	62 00	070	161771	4278		1867	23
	62 00	075	148643	3090		1424	7
	62 00	080	15540	251		100	
	62 00	085	7600	232		61	2
	62 00	090	14950	374		68	
	62 00	095	2950	33		1	
	62 05	040	87210	2468		1529	69
	62 05	045	211053	9408		7014	256
	62 35	030	6230	225		22	139
	62 35	035	14830	327		108	133
4	61 00	045	7000	161		99	

눈나랭이 BET	가다랭이 SKJ	황새치 SWO	녹새치 BUM	백새치 WBM	청새치 STM	돛새치 SAI	기 타 Others
120							
136							2
88							2
6							5
1627	15	28	1		3	6	90
102	3						6
26		1					1
8					4		
213		1				1	39
498		11					52
147		5	1			4	14
507		13			2		7
94	6						9
13						17	1
385		3	1			8	67
98	1						50
1600		22	1			5	22
5764	15	166	5		3	8	582
2307	15	45	2		2	2	110
2115	30	28	2			2	211
1432	15	55	2			2	153
132		7					12
142	15						12
304							2
32							
780		27	2		2	4	55
1711	15	39	5		2	8	358
52		1					11
32			1				53
49			1		2		10

월 Month.	해역 Area		낚시수 No. of hooks	제 Total	참다랭이 BFT	황다랭이 YFT	날개다랭이 ALB
	위도 Lat.	경도 Long.					
4	61 00	050	109203	5019		2669	
	61 00	055	650520	21160		8852	9
	61 00	060	125728	4443		2636	1
	61 00	065	96511	2167		1524	38
	61 00	070	43760	1064		526	28
	61 00	075	7385	87		36	
	61 05	050	19040	1357		880	
	61 05	055	62955	2512		1373	
	61 05	060	18200	360		164	31
	61 05	065	11165	373		68	
	61 05	090	16100	368		188	15
	62 00	045	17190	1114		1030	15
	62 00	050	36030	1195		795	
	62 00	055	606505	17512		9775	106
	62 00	060	172710	7062		4745	43
	62 00	065	129893	3396		1499	4
	62 00	070	75008	2145		1172	26
	62 00	075	11800	264		164	
	62 00	080	2800	71		30	8
	62 00	090	5900	135		33	
	62 00	095	14230	297		119	
	62 05	045	22658	2009		1920	61
	62 05	050	18100	818		631	
	62 05	055	23025	1663		1314	
	62 05	060	43261	1711		1041	
	62 05	065	14350	669		484	
	62 05	070	8850	388		204	
	62 05	080	5600	126		41	17
	62 05	085	10860	280		123	33
	62 05	095	20150	393		138	11
	62 05	100	6300	96		42	7
	62 05	105	15792	445		106	13
	62 05	110	2800	85		36	8
	62 10	040	58310	2026		1554	206

다랭이 BET	가다랭이 SKJ	황새치 SWO	녹새치 BUM	백새치 WHM	청새치 STM	돛새치 SAI	기 타 Others
2127		2	9				212
1621		77	56		5		540
1628		4	22		2		150
510		2	1		2		90
413		2	7		2		86
20		4					27
462		4			2		9
1093		2	9		2		33
146							19
298		7					
138		1	1				30
40		1					28
320		2			2		76
7214		4	111		6		296
1762		2	22		3		485
1556		2	7		2		326
819		14	1		2		111
68		3					29
33							
102							
164		8					6
13		2	6		2		5
133		9			2		43
267		2	1				79
607		15	7		2		39
163		11					11
176		6					2
55							13
114							10
231		10					3
46							1
320		2					4
41							
96		10	1		3		156

월 Month.	해역 Area		남시수 No. of books	계 Total	참다랭이 BFT	황다랭이 HFT	날개다랭이 ALB
	위도 Lat.	경도 Long.					
4	62 10	085	8340	95		48	
	62 10	090	26120	671		302	2
	62 10	100	7000	127		52	21
	62 10	105	19960	214		29	63
	62 15	040	6860	125		67	19
	62 15	075	7600	116		62	9
	62 15	080	32326	516		214	44
	62 30	035	18980	836		238	378
	62 35	030	3250	72		1	52
	62 35	035	63190	1236		170	858
	62 35	040	15120	408		63	276
5	61 00	045	9600	397		177	
	61 00	050	29906	1152		513	
	61 00	055	452256	14420		7271	8
	61 00	060	196414	6503		3413	6
	61 00	080	17400	251		29	
	61 00	085	21936	339		127	
	61 05	050	40615	1183		368	2
	61 05	055	500797	17904		8020	12
	61 05	060	399545	12072		3412	3
	61 05	065	18585	407		105	
	61 05	090	3000	63		10	
	61 10	055	7350	188		6	
	62 00	040	6220	110		58	2
	62 00	045	12290	247		61	
	62 00	050	152971	6113		3873	
	62 00	055	175396	7824		5228	11
	62 00	060	185800	2790		1549	42
	62 00	065	5193	115		42	3
	62 00	070	23400	406		184	52
	62 00	075	64200	1102		462	69

눈다랭이 BET	가나랭이 SKJ	황새치 SWO	녹새치 BUM	백새치 WHM	청새치 STM	돛새치 SAI	기타 Others
34		1					12
177		2	5				183
48		2	2				2
119		2	1				
10		2	4				23
45							81
177							
21			9				190
13		4					2
82			9				117
48			1				20
190			3		12		15
543	12	8	23		10		43
6162	206	64	83		61	47	518
2641	55	36	40		21	60	231
149	26		3		13	3	28
179		2	4		3	2	22
650	71	6	9		10	4	63
8896	93	101	66		87	68	561
7463	315	77	85		69	81	567
268		10	6		14	2	2
50			1		2		
168							14
28			2		15	5	
172		6	2		1	4	1
1834	30	28	40		27	22	259
2238	16	20	26		26	24	235
1031	18				40	12	98
64		3	1		2		
142	6						22
468	32		18		15		38

월 Month.	해역 Area		낚시수 No. of hooks	계 Total	참다랭이 BFT	황다랭이 YFT	날개다랭이 ALB
	위도 Lat.	경도 Long.					
5	62	00	085	7200		111	11
	62	05	040	48266		1608	94
	62	05	045	25366		485	
	62	05	050	218354		6889	13
	62	05	055	183803		4604	9
	62	05	060	14850		135	
	62	05	065	5525		18	1
	62	05	070	31600		205	35
	62	05	085	7020		125	1
	62	05	090	19580		261	4
	62	05	095	62874		739	17
	62	05	100	14264		140	1
	62	10	040	3430		170	11
	62	10	055	36935		920	39
	62	10	085	16720		251	3
	62	10	090	9500		153	2
6	61	00	050	32464		672	2
	61	00	055	286315		4974	40
	61	00	060	56454		654	27
	61	00	065	23321		160	20
	61	00	075	5582		123	
	61	00	080	7990		64	1
	61	00	090	17050		135	
	61	05	050	5940		9	
	61	05	055	42188		182	1
	61	05	060	46738		286	
	62	00	040	65886		883	122
	62	00	045	46797		109	
	62	00	050	138479		903	
	62	00	055	238895		4870	19
	62	00	060	230805		3120	26
	62	00	065	116921		1376	7
	62	00	070	8785		131	

다랭이 BET	가다랭이 SKJ	황 새 치 SWO	녹 새 치 BUM	백 새 치 WHM	청 새 치 STM	돛 새 치 SAI	기 타 Others
83		34	4		1	1	32
454		4	10		24	24	112
525		10	28		10	3	6
3259	2	18	33		61	125	288
2637	27	10	12		26	33	149
256	58	12	7		6	3	43
48	3	2	1		1		10
532		8	22		5		14
127		10	8				
217	11	2	2		5	1	16
919	1	21	3		27	6	66
106			3		5	1	16
7		2	1		3	3	15
369		7	4		6	8	14
211	11	3	2		3	5	24
107	5		2		2	1	26
468	10	14	4			1	39
1968	126	60	40		3	10	534
520	31	24	7			5	122
465	14	9	2			1	16
51		2	1				5
84		3					15
212	10	5	1			4	28
52	9						11
414		20	6			3	97
845		4	1				23
897		16	9			3	74
1087		14	12			1	47
1859	3	20	25			9	241
1478	77	22	16		2	10	287
1283	137	20	16			5	297
970	5	26			2	7	251
116		2					17

월 Month	해역 Area		낚시 수 No. of hooks	계 Total	참다랭이 BHT	황다랭이 YHT	날개다랭이 ALL
	위도 Lat.	경도 Long.					
6	62 00	075	10515	247		96	
	62 00	080	49360	1112		479	42
	62 00	085	11530	335		136	1
	62 00	090	28961	848		384	20
	62 00	095	13753	374		176	
	62 05	040	407230	14605		7653	400
	62 05	045	220340	8181		5406	506
	62 05	050	154594	3257		1384	4
	62 05	055	198455	468		2427	4
	62 05	060	333241	6343		1603	16
	62 05	065	39726	973		341	
	62 05	070	103396	2971		1196	
	62 05	075	19583	409		82	
	62 05	080	4260	36		3	
	62 05	085	7260	204		110	2
	62 05	090	153954	2876		1322	60
	62 05	095	360958	7778		3913	156
	62 05	100	39980	1441		608	27
	62 10	040	30740	985		552	265
	62 10	055	12740	247		76	
	62 10	060	2880	42		13	
	62 10	080	4920	149		57	1
	62 10	085	4620	140		71	1
	62 10	090	12060	318		171	1
7	61 00	050	10626	151		46	1
	61 00	055	56053	1385		599	34
	61 00	060	55623	1097		335	14
	61 00	065	13720	334		87	
	61 00	075	5538	92		61	
	61 00	085	2730	51		23	
	61 00	090	16800	953		427	526
	61 05	075	14850	321		66	1
	61 05	085	14220	181		92	
	61 05	090	2756	30		16	

눈다랭이 BET	가다랭이 •SKJ	황새치 SWO	녹새치 BUM	백새치 WHM	청새치 STM	돛새치 SAI	기 타 Others
127		5	1			1	17
475	18	9	5			12	72
125	10	5	4			6	48
382	2	1	1			3	55
174		4				1	19
5373	390	64	51		6	20	648
2003	37	26	21			5	177
1405	44	36	13			20	351
1908	21	16	10			9	293
4280	1	28	43		3	6	363
548		10	6			2	66
1470	2	18	34			20	231
282		5	1				39
18		1	1				13
78	4	1					9
1152	14	20	18		3	10	277
3139	28	26	45		6	9	456
733	1	18	2				52
123		7	1			3	34
162						1	8
24							5
88		3					
57	2					1	8
113	13	2				1	17
79		2			2		21
615		16	17		2		102
645	15	4	11		2		71
230		2			2		13
16							15
26							2
212	10	2					30
79							10
13							1

월 Month.	해역 Area		낚시수 No. of hooks	계 Total	참다랭이 BFT	황다랭이 YFT	날개다랭이 ALB
	위도 Lat.	경도 Long.					
7	62 00	040	391789	7793		3922	61
	62 00	045	44670	1134		412	
	62 00	050	130075	2449		1272	2
	62 00	055	112611	2440		1498	5
	62 00	060	65060	1323		571	35
	62 00	065	130271	2581		1265	9
	62 00	070	153901	2942		1555	5
	62 00	075	356486	5951		2209	4
	62 00	080	122056	2408		1094	9
	62 00	085	74263	1453		741	
	62 00	090	10061	174		81	1
	62 00	095	12892	297		162	
	62 05	040	1146549	26457		15122	686
	62 05	045	200098	5780		3343	268
	62 05	050	55110	1532		926	4
	62 05	055	62380	1403		586	1
	62 05	060	150606	2817		1603	1
	62 05	065	483194	5950		4036	11
	62 05	070	195769	3168		1292	1
	62 05	075	225464	3907		1458	4
	62 05	080	114167	1956		697	
	62 05	085	46205	963		390	
	62 05	090	54643	1038		258	6
	62 05	095	128260	2451		800	154
	62 05	100	184078	3433		1477	281
	62 05	105	42022	1288		277	86
	62 05	110	2236	20		1	
	62 10	040	25385	1126		526	244
	62 10	045	18020	637		460	74
	62 10	050	2500	58		5	
	62 10	055	31326	792		395	56
	62 10	065	29585	962		326	4
	62 10	075	2550	46		29	
8	61 00	050	3000	37		30	
	61 00	055	18490	191		47	

다랭이 BET	가다랭이 SKJ	황새치 SWO	녹새치 BUM	백새치 WHM	청새치 STM	돛새치 SAI	기 타 Others
215	102	38	20		5	2	428
1648		2	12				60
897	7	8	17		2		244
712	17	10	17		2		179
470	45	8	21		2	2	174
011	7	20	11		3		251
905	4	38	26		5	4	400
913	21	38	43		8	6	709
804	52	6	11		3	2	227
535	8	8	8		3	2	148
73	3		3				13
107	6		2				20
728	398	107	34		10	6	1366
488	227	16	21		5	2	410
428	25	10	7				132
640	1	8	5		2	2	158
843	57	14	30		3		266
908	73	36	51		6	2	832
524	4	18	11		5	2	311
079		20	11		5	2	323
006	3	6	13		3		228
498			9		2		64
674	4	2	9		2		83
164	20	4	23		2	2	282
319	19	8	21		3	2	303
851		2	16				56
16							3
322			2				32
93	3						7
42							11
268		4	3		2		64
603		4	4				21
13							4
3							4
111			2				31

월 Month.	해역 Area		잡 시 수 No. of hooks	체 Total	참다랭이 SFT	항다랭이 IFT	날개다랭이 ALB
	위 도 Lat.	경 도 Long.					
8	61 00	065	10350	92		36	
	61 00	070	2600	25		6	
	61 00	075	61256	1083		427	28
	61 00	080	8280	48		11	
	61 00	085	14296	113		19	
	61 00	090	18943	148		22	
	61 05	075	14426	194		47	
	62 00	040	100877	2184		1624	5
	62 00	045	589831	15290		10413	5
	62 00	050	456948	9414		5114	9
	62 00	055	213313	2580		1541	24
	62 00	060	208701	2727		1458	5
	62 00	065	83176	951		416	24
	62 00	070	133195	1511		499	5
	62 00	075	193742	2214		621	5
	62 00	080	34620	251		55	
	62 00	085	14996	87		25	
	62 00	090	72747	566		127	
	62 00	095	21820	302		30	
	62 05	040	514977	8802		5638	199
	62 05	045	1191585	28677		16043	393
	62 05	050	622777	11559		4765	43
	62 05	055	157620	3693		1333	
	62 05	060	71277	1204		504	
	62 05	065	72219	1223		380	33
	62 05	070	24080	371		67	
	62 05	075	47103	613		183	
	62 05	080	22281	325		97	
	62 05	085	18330	415		47	
	62 05	090	59076	598		164	5
	62 05	095	75952	878		175	43
	62 05	100	32235	233		36	14
	62 05	110	4900	73		11	24
	62 10	040	39690	710		158	194
	62 10	045	10726	228		136	14
	62 10	065	6600	76		30	
	62 10	095	24420	271		33	43
	62 10	105	8450	168		8	57
	62 10	110	5475	29		8	9
9	61 00	050	5525	132		30	
	61 00	060	25970	402		255	

눈다랭이 BET	가다랭이 SKJ	황새치 SWO	녹새치 BUM	백새치 WHM	청새치 STM	돛새치 SAI	기타 Others
38			1				17
19							
492	2		20				114
24							13
60			1				33
103			1				22
65			9			2	71
432			9				114
3952	53	8	37		42	4	776
3490	115	4	41		31	2	608
685	33	2	28		8	2	257
935	3	2	20		13		291
345	24		7				135
671	37		24		2	2	271
1223	21	2	37		2		303
147		14	1				34
57			1				4
351		20	2				68
231	7	4					30
2297	27	4	16		29	8	584
9322	327	32	52		56	17	2435
5612	71	4	33		5	2	1024
2133	1	2	2		2		220
548		2	2				148
720			11				79
255			2				47
337	3	2	6		2		80
182	6		1				39
144			2				222
313			7				109
554	6		7				93
136	5		2				40
35							3
82	6		2				68
63							15
35							11
152			4				39
87			5				1
8			1				5
79						7	23
57	75					2	13

월 Month.	해역 Area		낚시수 No. of hooks	계 Total	참다랭이 BFT	황다랭이 YFT	날개다랭이 ALB
	위도 Lat.	경도 Long.					
9	61 00	065	4900	47		17	
	61 00	070	6422	151		61	
	61 00	075	58808	704		230	
	61 00	080	16015	155		33	
	61 00	085	17190	187		69	
	61 00	090	54540	834		75	
	61 00	095	44431	631		97	
	61 05	060	9800	275		180	
	61 05	075	4900	27			
	62 00	040	277353	5406		2376	5
	62 00	045	647868	16084		9945	
	62 00	050	405844	8378		4936	
	62 00	055	398019	12481		5633	412
	62 00	060	113756	2568		1666	5
	62 00	065	45438	1002		456	
	62 00	070	69022	946		413	
	62 00	075	117750	1622		892	33
	62 00	080	16660	922		540	
	62 00	085	9800	154		36	
	62 00	090	7980	193		36	
	62 00	095	37945	455		36	
	62 05	040	32440	589		352	
	62 05	045	869655	20832		12620	80
	62 05	050	1059913	24822		14125	19
	62 05	055	586754	16834		9820	33
	62 05	060	169200	4230		1716	24
	62 05	065	13624	347		166	
	62 05	075	12800	69		30	
	62 05	085	5460	49		3	
	62 05	100	7930	48		6	5
	62 05	105	2300	33		6	
	62 10	050	71109	1850		1009	317
	62 10	055	7625	121		47	5
	62 10	095	15980	270		44	24
10	61 00	050	246625	3123		637	
	61 00	055	194647	2668		1014	4
	61 00	060	32130	473		266	
	61 00	080	2925	33		11	
	61 00	085	2046	14		6	
	61 00	090	21840	279		64	3

다랭이 BET	가다랭이 SKJ	황새치 SWO	녹새치 BUM	백새치 WHM	청새치 STM	돛새치 SAI	기 타 Others
27							3
79							11
383		2	2				87
103		2					17
68		2	1				47
647	15	2	1			2	92
459		2	2			4	67
95							
27							
2655		6	9		2		351
5308		12	17		5	6	791
2851		12	10		2	8	559
4503		34	10		3	17	869
758		2	4			4	129
416		4	1			6	109
429		4	4			2	94
541		4	7			2	143
342			1			2	37
90							28
139			1				17
356			4				59
204							33
6974	49	18	18		5	13	1055
9325	26	20	20		5	25	1257
6129	1	18	15		3	19	796
2218	5	4	7			8	248
149			1				31
30			1			2	6
35			1				10
30			1				6
19			1				7
457		6	1			2	58
57			1			4	7
198			1				3
2397	29	6	28		2		24
1462	29	2	5				152
204			2				1
22							
8							
198	1		1				12

월 Month.	해역 Area		낚시수 No. of hooks	계 Total	삼다랭이 DFT	황다랭이 YFT	날개다랭이 ALB
	위도 Lat.	경도 Long.					
10	61	05	050	1725		22	
	61	05	055	15815		64	
	61	05	060	14700		152	
	61	10	055	14560		97	18
	62	00	040	35680		261	
	62	00	045	29325		217	
	62	00	050	29122		2766	
	62	00	055	234873		2697	1
	62	00	060	202702		1829	2
	62	00	065	364162		3867	2
	62	00	070	246212		2215	7
	62	00	075	36058		222	2
	62	00	080	8320		17	
	62	00	095	9932		6	
	62	05	040	79446		801	15
	62	05	045	203531		2004	5
	62	05	050	363360		2672	25
	62	05	055	1177208		14071	238
	62	05	060	529321		4407	
	62	05	065	182302		2012	
	62	05	070	54982		188	
	62	05	075	5200		36	
	62	05	095	2490		3	5
	62	05	100	46870		42	31
	62	10	040	11200		219	
	62	10	045	5230		32	
	62	10	050	66229		518	97
	62	10	055	357148		3607	1056
	62	10	060	25200		307	
	62	10	065	13845		216	43
	62	10	095	21480		40	58
	62	10	100	24160		28	
	62	10	105	3150			
11	61	00	050	51270		205	
	61	00	055	191220		5164	
	61	00	060	28630		434	
	61	00	065	2970		5	
	61	00	085	4680		30	
	61	00	090	8177		50	
	61	05	050	16575		27	

눈다랭이 BET	가다랭이 SKJ	황새치 SWO	녹새치 BUM	백새치 WHM	횡새치 STM	돛새치 SAI	기 타 Others
122	29		1				
160			1				
117	28						
79							
160			1				58
272							68
1381		4	10		32		9
1250		6	7		2		15
1016	9	6	10		2		24
2074	4	8	11				49
1367	8	4	7				44
158			2				2
24							2
76							14
356	35	4	2				276
1000	52	2	6		2		92
1813		10	10		21		379
5620	168	28	33		61		327
4558	3	14	21		24		90
1000	6	4	5				24
340	4		1				3
27							2
8							32
294							21
57	6						3
3							88
408			4				15
1305	190	4	10		2		19
106							5
87							9
109							60
288							136
5							54
1071	11	11	5		2		13
3765	11	65	7		14		6
253	11	10	1		3		23
62							
7					3		
152							
396		11	1				

월 Month.	해역 Area		낚시수 No. of hooks	계 Total	참다랭이 BFT	꽃다랭이 YFT	날개다랭이 ALE
	위도 Lat.	경도 Long.					
11	61 05	055	24190	823		394	
	61 05	060	24525	311		74	
	61 05	075	3164	48		14	
	62 00	040	15533	1081		390	
	62 00	045	71983	3300		1211	
	62 00	050	307390	11199		6956	
	62 00	055	340807	11667		7871	1
	62 00	060	180477	4986		3541	
	62 00	065	17455	758		558	
	62 00	070	70334	2188		1409	5
	62 00	075	16442	423		207	2
	62 00	080	16075	313		173	
	62 00	095	5500	97		27	
	62 05	040	24640	1690		1237	18
	62 05	045	36518	1050		597	
	62 05	050	411488	17709		12384	15
	62 05	055	353340	10716		6791	86
	62 05	060	422179	12163		7760	
	62 05	065	204046	6577		4217	5
	62 05	070	126733	4093		2390	1
	62 05	075	95832	3158		1878	1
	62 05	080	12830	295		109	
	62 05	085	7000	260		83	2
	62 05	095	2350	28		6	5
	62 10	050	70837	1959		914	95
	62 10	055	97066	2734		1570	77
	62 10	060	71982	1779		1125	4
	62 10	065	12050	216		168	
	62 10	070	1950	84		56	
	62 10	075	6300	196		65	2
	62 10	080	43500	1266		432	
12	61 00	045	16380	632		172	
	61 00	050	243609	12140		6578	
	61 00	055	540960	22263		11058	
	61 00	060	301368	11414		4519	
	61 00	065	37175	1185		738	
	61 00	070	18500	660		327	
	61 00	075	64187	1701		584	
	61 00	080	21087	535		293	
	61 00	085	9050	256		155	
	61 05	055	8400	220		50	

다랭이 BET	가다랭이 SKJ	황 새 치 SWO	녹 새 치 BUM	백 새 치 WBM	청 새 치 STM	돛 새 치 SAI	기 타 Others
397		17			2		13
196		28	1				12
29		5					
865		1	1		3		21
187		16	4		26	2	164
3840	30	39	7		27		290
3152		119	13		66	2	443
1305		29	4		14		93
162		3	1		3		31
682		14	2		6		70
192		4	1				17
120		1	1				18
61		1					8
358		3			6		68
380	15	9	1		8		40
4264	30	108	10		61	15	822
3118	15	73	13		43	10	567
3846	15	78	11		37	6	410
2016		33	6		18	2	280
1573		16	4		11		98
1080		17	6		22		154
174		3			3		6
158		8			2		7
15							2
844		47	2		5		52
759	74	6	2		13	2	231
539		12	2		10		87
40					2		6
28							
120					2		7
791		19	1		3		20
442			2		2		14
4736		40	137		42		607
10284	5	54	186		93		583
6129	176	40	212		35		303
393		2	19		6		27
313			1		5		14
956		24	35		6		96
190		4	14		3		31
79			2		5		15
132		4	8		3		23

월 Month	해역 Area		낚시수 No. of hooks	세 Total	참다랭이 BFT	황다랭이 YFT	날개다랭이 ALB
	위도 Lat.	경도 Long.					
12	61 05	060	101446	3301		1142	
	61 05	065	45405	138		150	
	61 05	070	8400	434		225	
	62 00	040	56519	2559		1164	
	62 00	045	181424	6749		3354	
	62 00	050	348727	12276		8044	1
	62 00	055	77280	2379		1752	
	62 00	060	36566	1015		453	
	62 00	065	36792	669		331	
	62 00	070	55912	1112		496	
	62 00	075	24840	463		196	
	62 00	080	20932	393		165	
	62 00	085	5532	167		28	
	62 00	090	5504	110		16	
	62 05	040	42948	1821		812	
	62 05	045	35583	1860		991	
	62 05	050	151841	4372		3207	
	62 05	055	74190	2417		1757	
	62 05	060	3900	202		131	
	62 05	065	25739	539		300	
	62 05	070	70261	1727		809	
	62 05	075	77395	1816		706	1
	62 05	080	23830	366		174	1
	62 10	050	8920	77		40	3
	62 10	055	19170	378		89	94
	62 10	060	2700	12		17	40
	62 10	070	18620	121		410	
	62 10	075	13150	312		127	
	62 10	080	2340	77		3	10

눈다랭이 BET	가다랭이 SKJ	황새치 SWO	녹새치 BUM	백새치 WHM	청새치 STM	돔새치 SAI	기타 Others
1971	2	8	97		11		70
865		4	36		19		64
207							2
1255		6	22		2		90
3162	20	4	36		26		147
3649	31	24	90		53		384
496		6	26		14		85
491		8	18		6		39
293		2	25		3		15
563	1	2	27		3		20
223	2		16		5		21
191		2	5		5		25
133							6
93							1
928		2	17		8		57
797		2	8		13		49
869	52	4	66		19		157
567		10	29		6		64
64					2		5
224			11				2
828		8	31		6		47
1019	3	4	24		8		52
166			2		3		16
11			3		2		12
162		4	4		2		23
1							3
204			4		3		10
171			5		3		11
1			3				



1978

월 Month.	해역 Area		낚시수 No. of hooks	계 Total	참다랭이 BFT	황다랭이 YFT	날개다랭이 ALB
	위도 Lat.	경도 Long.					
1	61 00	045	15865	219		98	
	61 00	050	588388	19059		9017	
	61 00	055	29817	10469	7	5036	
	61 00	060	130978	4700		1703	1
	61 00	065	39130	926		281	
	61 00	070	13279	389		107	
	61 00	075	64980	549		753	
	61 00	080	42977	974		227	
	61 00	085	5525	76		4	
	61 05	050	179654	6797		1316	
	61 05	055	133973	5035		1304	
	61 05	060	5400	175		53	
	61 05	065	8630	111	1	18	
	61 05	085	49060	1972		722	18
	61 10	090	5600	54		12	
	62 00	040	72620	2725		1703	
	62 00	045	366055	14245		7518	
	62 00	050	222874	6706		4143	
	62 00	055	290525	11119		8671	
	62 00	060	109967	4743		3029	1
	62 00	065	26658	532		174	1
	62 00	070	53977	1203		672	
	62 00	075	5035	129		77	
	62 05	040	259470	10230		4140	29
	62 05	045	401252	11987		5086	6
	62 05	050	371860	12883		8741	5
	62 05	055	206160	6870		5134	5
	62 05	060	10100	315		193	
	62 05	065	11600	150		66	
	62 05	070	30580	573		380	
	62 05	075	9500	361		212	
	62 10	040	2572	27	1	3	15
	62 10	045	2580	27		2	12
	62 10	050	2796	39		12	
	62 10	055	63091	1149		527	36

눈다랭이 BET	가다랭이 SKJ	황새치 SWC	녹새치 BUM	백새치 WHM	청새치 STM	돛새치 SAI	기타 Others
88		2	15		10		6
8722	29	166	426		416	16	267
4625	1	108	137		377	30	148
2567	36	45	92		118	32	106
593		10	6		27		9
236			19		13	1	13
588		16	82		70	13	27
598			68		29	1	51
65			3		3		1
4652	7	83	136		458	8	137
3140	2	71	62		205	4	247
106		3			12		1
78			4		7		3
1213			19				
42							
895		14	33		37	15	28
6152	2	75	113		187	27	171
2250	7	27	102		107	12	58
2025	8	65	76		149	27	98
1511		38	40		54	31	39
293		6	11		4		43
452		9	17		29	12	12
16			9		2	16	9
5645	4	55	62		174	33	88
6155	12	62	131		247	34	224
3667	32	62	96		126	33	121
1447	21	32	42		60	66	64
111		4	3		4		
60		3	3		11		7
151		11	3		15	8	5
129		7	6		5		2
4			2			2	
1					8	3	1
11		6					10
487		2			31	39	27

월 Month.	해역 Area		낚시수 No. of hooks	계 Total	참다랭이 BFT	황다랭이 YFT	날개다랭이 ALB
	위도 Lat.	경도 Long.					
1	62 10	060	9750	179		86	
	62 15	045	11320	154	1	46	59
	62 30	045	7780	94			91
	62 30	050	5160	42			40
	62 35	050	2596	46			42
2	61 00	040	2500	12		3	
	61 00	045	101625	1488		284	
	61 00	050	203308	3639		1341	
	61 00	055	274534	6352		2496	1
	61 00	060	350653	10629		2401	
	61 00	065	160442	5045		1175	9
	61 00	070	18260	358		155	
	61 00	075	69664	1487		481	3
	61 00	080	40796	637		177	
	61 00	085	20800	764		281	
	61 05	050	258282	8285		1900	5
	61 05	055	157232	4812		941	10
	61 05	060	168972	3994		1002	
	61 05	065	156006	4407		405	
	61 05	075	2600	63		16	
	61 05	085	59100	2156		800	
	61 05	090	2800	38		13	
	61 10	055	9225	335		1	
	62 00	040	48395	1571	4	769	3
	62 00	045	648852	17744		8572	10
	62 00	050	521511	10657	37	4858	9
	62 00	055	155485	3738		2709	2
	62 00	060	57444	1141		731	1
	62 00	065	20528	587		405	1
	62 00	070	31739	436		126	
	62 00	075	2478	38		5	
	62 00	080	5656	103		28	

다랭이 BET	가다랭이 SKJ	황새치 SWO	녹새치 BUM	백새치 WHM	청새치 STM	돛새치 SAI	기 타 Others
72		6	3		5		7
5	3		13		15	12	
1						1 2	1
2							2
5		2	1		1		
997		28	36		115	5	23
1950	1	45	56		153	41	52
3219	35	86	70		188	70	187
7540		87	177		239	27	158
3572		28	64		96	34	67
176					16	3	8
802		14	30		116	15	26
370	3	2	14		55	6	10
481			2				
5451	3	190	113		473	3	147
3081	8	98	80		402	23	169
2440	23	37	164		195	22	111
3664		22	113		141	18	44
41		1	4				1
1349	4		2		1		
25							
296		20	3		14		1
695		9	11		36	18	26
8327	12	69	183		323	53	195
5068	22	52	163		174	93	181
777	2	44	45		31	19	109
280	3	22	22		47	17	18
107		8	6		26	16	18
279			10		10	11	
26			6				1
67			2		3	3	

월 Month.	해역 Area		낚시수 No. of hooks	계 Total	참다랭이 BFT	한다랭이 YFT	날개다랭이 ALB
	위도 Lat.	경도 Long.					
2	62 05	040	334740	10363	4	4362	315
	62 05	045	722119	17770	3	8462	102
	62 05	050	218958	3889		1843	2
	62 05	055	54841	1138		672	3
	62 05	060	78335	1110		773	2
	62 10	045	2847	35		16	
	62 10	050	5247	111		25	66
	62 10	055	3825	21		12	
	62 10	060	8610	136		106	
	62 15	050	9400	224		84	
3	61 00	045	53500	1318		386	
	61 00	050	297269	882		3383	4
	61 00	055	959704	20751	2	4819	3
	61 00	060	838284	19382		3736	29
	61 00	065	709684	29583	1	4566	
	61 00	070	56680	1468		512	20
	61 00	075	222475	5044		1431	
	61 00	080	174409	4315		1292	
	61 00	085	65860	1258		251	
	61 00	090	13303	159		61	
	61 05	045	2900	108		4	
	61 05	050	119275	2496		692	
	61 05	055	516424	10061		1580	
	61 05	060	403937	8181		1055	4
	61 05	065	245520	6357		1075	
	61 05	070	16335	318		100	
	61 05	075	71010	1612		291	
	61 05	080	29600	1393		417	
	61 05	085	61304	2612		852	
	61 05	090	5500	57		5	
	61 10	050	3380	44		2	
	61 10	055	2730	35			

눈다랭이 BET	가다랭이 SKJ	황새치 SWO	녹새치 BUM	백새치 WHM	청새치 STM	돛새치 SAI	기타 Others
4912	3	154	114		191	37	271
8229	93	75	245		205	65	291
1842		17	56		52	14	63
429		3	10		6	2	13
266			12		18	5	33
18			1				
2	4		3		2		9
8					1		
14		1	2		2		11
115			6		3		16
781	3	44	10		71	4	19
4411	3	156	211		397	82	135
14371	88	273	331		489	104	271
14457	20	164	322		328	95	231
23853	115	134	197		285	119	313
801	49	11	6		29	12	28
3151	20	84	83		187	37	51
2651		19	95		145	11	102
908	4	3	33		38	5	16
86		2	1		3	1	5
104							
1513	22	28	20		140	10	71
7104	133	144	211		597	64	228
6285	61	135	193		279	22	147
4805	15	42	120		132	62	106
198			2		7	8	3
1067		31	40		132	36	15
951			9		16		
1744			16				
50		1	1				
12			3		23	1	3
17		10			8		

월 Month.	해역 Area		낚시수 No. of hooks	계 Total	참다랭이 BFT	황다랭이 YFT	날개다랭이 ALB
	위도 Lat.	경도 Long.					
3	62 00	040	47361	1028		342	8
	62 00	045	248590	5633		1988	86
	62 00	050	204925	3281		1225	14
	62 00	055	208997	3812		1629	4
	62 00	060	83322	1740		751	2
	62 00	065	13242	126		47	
	62 00	070	21994	475		160	1
	62 00	075	35267	739		324	
	62 00	080	5220	86		21	
	62 00	090	5150	79		12	
	62 05	040	75486	2063	1	998	150
	62 05	045	146874	2503	2	1476	27
	62 05	050	206450	3985		2726	34
	62 05	055	101331	1844		834	23
	62 05	060	114095	2385		827	73
	62 05	075	2750	26		2	
	62 05	095	2550	23		2	
	62 10	040	3105	81		72	7
	62 10	045	21339	359	4	132	24
	62 10	050	23110	282	4	115	46
	62 10	055	19823	229		161	5
	62 10	060	47020	947		581	139
	62 15	055	2820	33		7	13
4	61 00	045	40692	1785		900	
	61 00	050	554325	13308		4832	12
	61 00	055	698619	14118		4913	
	61 00	060	466416	10743		4205	3
	61 00	065	113031	2977		940	
	61 00	075	18149	278		58	
	61 00	080	34350	964		231	
	61 00	085	169969	3355		658	
	61 00	090	19130	243		54	
	61 05	050	79858	1423		175	

다랭이 BET	가다랭이 SKJ	황새치 SWO	늑새치 BUM	백새치 WHM	청새치 STM	돛새치 SAI	기 타 Others
540	14	20	25		36	2	41
2993	33	118	105		167	22	121
1706	3	44	52		96	15	126
1921	10	35	53		89	16	55
900		12	13		13	3	46
42		4	7		7	11	8
252	14	5	29		5	4	5
365		13	8		16		13
58		2			4	1	
61							6
710	9	28	46		36	16	69
854	11	10	47		32	8	36
978	25	22	36		61	25	78
832	4	41	29		30	10	41
1258		33	33		67	45	49
21			2		1		
20							1
1							1
164	8	2	9		7	1	8
22	10		42		24	1	18
52			7				4
188		22	3			1	13
6					4	3	
513	135	42	43		80	6	66
7047	505	163	197		206	54	292
8047	97	229	218		259	74	281
5860	42	130	140		157	47	159
1684	30	25	101		59	23	115
199		4	9		3	1	4
650		34	4		40		5
2385	1	66	36		145	17	47
167		8	5		9		
1116	5	24	24		32	2	45

월 Month.	해역 Area		낚시수 No. of hooks	계 Total	참다랭이 BFT	황다랭이 YFT	날개다랭이 ALB
	위도 Lat.	경도 Long.					
4	61 05	055	502386	9600		1467	3
	61 05	060	447625	8938		945	
	61 05	065	90811	2561		286	
	61 05	070	31110	420		32	
	61 05	075	7406	95		12	
	61 05	085	5000	142		47	
	61 05	090	8250	88		36	
	61 10	080	5800	278		45	
	61 10	085	13504	367		65	
	62 00	040	18400	876		442	1
	62 00	045	45210	934		354	25
	62 00	050	345009	7868	1	4376	34
	62 00	055	329148	7122		3061	23
	62 00	060	404150	7559		3153	41
	62 00	065	182102	4431		1248	9
	62 00	070	26720	628		330	
	62 00	075	9375	179		59	1
	62 00	080	10160	152		41	
	62 00	085	10686	132		16	
	62 00	090	11120	188		58	
	62 00	095	8250	106		28	
	62 05	045	63856	982		554	12
	62 05	050	209931	4150		2765	17
	62 05	055	149033	2930		1396	48
	62 05	060	151937	2732		1154	
	62 05	065	138767	2987		650	7
	62 05	070	2730	89		15	
	62 05	075	56220	1269		250	16
	62 05	080	17680	266		63	
	62 05	100	4700	103		15	
	62 10	040	3200	52		9	3
	62 10	045	12416	123		39	9
	62 10	050	13564	144	2	64	21
	62 10	055	95933	1614		947	176

눈다랭이 BET	가다랭이 SKJ	황새치 SWO	녹새치 BUM	백새치 WHM	청새치 STM	돛새치 SAI	기 타 Others
7229	85	154	127		228	27	280
7249	21	129	148		176	7	263
2086		20	44		40	13	72
307		13	30		14	15	9
59		7	5		12		
93			2				
45		2	2				3
228			5				
296			4				2
395	4		8		2		24
437	5	13	9		34	6	51
2883	19	53	174		133	80	107
3536	44	62	97		100	60	139
3798	17	71	107		130	83	159
2799	105	47	47		30	7	139
238	20	3	24			3	10
106	2	4					7
97		1	1		6		6
104		2	5		3		2
116		1	2		10		1
73					3		2
328	15	1	16		14	9	33
1063	7	59	45		107	23	64
1229	37	31	23		44	35	87
1359		51	23		67	22	56
2130		36	50		14		100
69		1	1		1		2
863		20	31		59	7	23
190			2		9	2	
85		3					
40							
65	1		4		2		3
25			13		12	3	4
427	1	5	4		32	3	19

월 Month.	해역 Area		낚시수 No. of hooks	계 Total	참다랭이 BFT	흰다랭이 LFT	날개다랭이 ALB
	위도 Lat.	경도 Long.					
4	62 10	060	90430	1336		826	124
	62 10	065	2760	60		14	
	62 10	095	5500	39		19	
	62 10	100	2750	28		2	
	62 10	105	2750	66		2	
	62 15	050	3050	23		1	
	62 35	045	48020	944		7	846
5	61 00	045	15250	725	1	398	1
	61 00	050	151754	4310	2	1131	
	61 00	055	81063	1172		291	4
	61 00	060	108943	1748	1	602	26
	61 00	065	32918	491	29	93	18
	61 00	075	31440	558		102	
	61 00	080	38117	878		160	
	61 00	085	21700	684		299	
	61 00	090	36530	730		271	
	61 00	095	5400	132		169	
	61 05	050	415300	9874	3	1149	
	61 05	055	1176347	21498	1	2641	
	61 05	060	579973	9946		946	1
	61 05	065	11195	221		26	2
	61 05	090	2774	68		17	
	61 05	095	13452	470		164	
	61 10	055	2340	39			
	61 10	060	22312	334		19	
	61 10	065	8900	172		2	
	62 00	040	45815	880		525	
	62 00	045	202431	4545	3	2449	76
	62 00	050	169296	2735	4	1140	20
	62 00	055	77765	1098		485	56
	62 00	060	167500	2822		1260	6
	62 00	065	85540	2338		724	

다랭이 BET	가다랭이 SKJ	황새치 SWO	녹새치 BUM	백새치 WUM	청새치 STM	동새치 SAI	기타 Others
302		24	4		23	7	26
32			1		4	6	3
20							
22		2	2				
53							1
11		1			1		1
53			3				3
209		19	21		53		15
2259	516	32	85		84	27	174
749	32	8	30		23	9	26
918	1	39	40		42	19	53
285		20	7		1	11	21
347			8		12	8	17
645		46	5		30	8	30
345			49		15	9	18
369			48		14	7	23
45			21		2		
6604	67	126	165		237	11	249
16387	317	354	383		445	52	940
7984	68	148	160		230	21	373
175		1	1		5		6
29		3	1		12	4	2
251		9	7		8	5	6
35		1	2				1
249	4	3	8		26	1	24
144	17		7				2
222		5	22		47	14	45
1424	39	87	44		78	28	323
1313	40	34	39		53	15	77
468		21	15		20	12	16
1404	4	20	28		20	21	59
1485	3	6	17		23	19	51

월 Month.	해역 Area		낚시 수 No. of hooks	계 Total	참다랭이 BFT	황다랭이 YFT	날개다랭이 ALB
	위도 Lat.	경도 Long.					
5	62 00	070	82110	1986		570	
	62 00	075	119850	2718		956	1
	62 00	080	40208	1010		327	
	62 00	085	27430	490		115	
	62 00	090	9600	251		127	1
	62 05	040	69515	1470		867	6
	62 05	045	216256	6198		3553	11
	62 05	050	184430	3953		2133	29
	62 05	055	141134	2536		1394	152
	62 05	060	160304	3359		2123	37
	62 05	065	98889	1656		740	14
	62 05	070	86313	2170		979	
	62 05	075	55398	1097		248	1
	62 05	080	9600	322		159	9
	62 05	085	27690	383		100	
	62 05	090	39555	630		159	
	62 05	095	26915	784		443	5
	62 05	100	9837	420		145	
	62 05	105	60500	1524		306	
	62 10	050	8250	96		65	1
	62 10	055	30210	626		315	160
	62 10	060	84930	2059		1412	223
	62 10	065	26800	554		323	
	62 10	080	6400	340		140	6
	62 10	105	11000	207		58	
	62 15	055	18720	372		77	176
	62 25	045	6680	189		24	159
	62 30	045	3530	105			95
	62 30	050	2880	81		2	77
	62 35	045	178810	5808		25	5597
6	61 00	050	110440	2093		190	

눈다랭이 BET	가다랭이 SKJ	황새치 SWO	녹새치 BUM	백새치 WHM	청새치 STM	두새치 SAI	기타 Others
1283	2	2	53		10	14	52
1478	23	9	96		29	15	111
564		13	48		27	2	29
338		2	11		12		12
99	7		15				2
411		17	29		51	17	72
2360	8	40	29		51	44	102
1593	14	37	29		27	20	71
835		20	18		49	26	42
1004		70	50		41	4	30
827	3	12	21		17		22
1080	5	13	15		27		51
684	7	14	40		66		37
148			6				
237	1	13	4		25	1	2
420		14	11		22	2	2
304	3	10	11		7		1
258		1	1		10		5
1071		4	34		91		18
20	4				2	1	3
105		6	23		3		14
334	16	12	21		22		19
176							55
182	7		3				2
129		2	2		11		5
95	3				9		12
1			3		2		
10							
2							
134			8				44
1709		94	30		64		6

월 Month.	해역 Area		낚시수 No. of hooks	계 Total	참다랭이 BFT	황다랭이 YFT	날개다랭이 ALB
	위도 Lat.	경도 Long.					
6	61 00	055	90334	1443		407	
	61 00	060	13500	163		47	
	61 00	065	53732	1307		425	16
	61 00	070	57835	1185		350	11
	61 00	075	20470	389		222	
	61 00	080	29190	428		111	
	61 00	085	40360	433		130	
	61 00	090	22402	465		223	
	61 00	095	18215	409		107	
	61 05	055	36175	544		145	
	61 05	060	88722	1698		140	
	61 05	065	44182	1331		77	
	61 05	070	11213	95		7	
	61 05	075	2750	4		1	
	61 05	080	3112	11		9	
	62 10	055	36155	1084		118	
	62 00	040	64985	1645		617	
	62 00	045	45779	1115		110	
	62 00	050	56975	1705		476	
	62 00	055	42885	727	11	508	
	62 00	060	87966	1053		479	
	62 00	065	130099	2202		456	
	62 00	070	246269	4429		1561	23
	62 00	075	100384	1516		634	10
	62 00	080	102822	1956		584	3
	62 00	085	25062	565		90	
	62 00	095	2400	59		8	
	62 05	040	172249	4050	25	2031	363
	62 05	045	91761	1332	10	625	
	62 05	050	102525	1828		874	51
	62 05	055	75383	1121		461	221
	62 05	060	150072	2381		899	9
	62 05	065	143237	2287		698	6
	62 05	070	53710	882		374	1

눈다랭이 BET	가나랭이 SKJ	황새치 SWO	늑새치 BUM	백새치 WHM	청새치 STM	돛새치 SAI	기 타 Others
925	2	22	48		16		23
103		5	3		5		
751	1	5	29		17	6	57
723		20	23		34	1	23
136	7		4		7	2	11
270		8	9		16	2	12
229		7	22		35		10
198		2	22		6	7	7
279			4		17		2
324		6	18		28	5	18
1312	16	9	30		44	3	41
1098	3	15	56		54	1	24
65	3		7		6		3
14					1		2
5			4		5		2
811	16	13	16		36	3	12
395	4	11	22		24	3	187
348	6	3			11	1	14
397	15	16	20		18	7	26
256		28	30		29	18	38
452	3	52	12		33	7	25
1599		33	26		29	10	42
2502		24	80		86	17	136
734		20	46		30	1	41
1179	37	18	25		36	9	65
431			4		3		21
42		1	2				6
1405	2	9	30		40	38	107
610	2	14	13		18	15	25
796	10	11	33		18	5	30
371		6	10		22	3	27
1251	1	50	26		51	26	68
1448		33	15		39	21	27
453		1	5		28	4	16

월 Month.	해역 Area		낚시 수 No. of hooks	계 Total	참다랭이 BFT	황다랭이 YFT	날개다랭이 ALB
	위도 Lat.	경도 Long.					
6	62 05	075	197007	4505		1268	34
	62 05	080	104407	1854		266	1
	62 05	085	50051	839		257	
	62 05	090	12788	154		21	
	62 05	095	150267	2577		660	11
	62 05	100	234457	6234		1531	263
	62 05	105	74780	2657		541	34
	62 05	110	2832	110		13	
	62 05	115	2900	43		3	
	62 10	040	7500	334		139	108
	62 10	055	38698	1115		549	95
	62 10	060	96822	1930		1057	136
	62 10	085	62120	1471		540	40
	62 10	090	2990	75		4	
	62 10	100	72665	2187		600	351
	62 10	105	84830	2446		877	134
	62 10	110	116011	3354		870	33
	62 10	120	18700	577		351	
	62 25	045	22800	493		91	374
	62 25	055	11800	264		83	134
	62 30	040	49580	1492		104	1202
	62 30	045	379652	12252		696	10819
	62 30	050	11800	260		64	160
	62 35	040	2750	97			95
	62 35	045	132070	4482		26	4255
7	61 00	050	1300	127		23	
	61 00	055	29000	1371		631	
	61 00	060	6310	33		0	
	61 00	065	19800	187		32	
	61 00	070	40935	803		66	
	61 00	075	39285	766		131	
	61 00	080	21710	357		48	
	61 00	085	21300	328		54	

눈나랭이 BET	가다랭이 SKJ	환 새 치 SWO	녹 새 치 BUM	백 새 치 WEM	청 새 치 STM	돛 새 치 SAI	기 타 Others
2955		48	88		73	13	26
1483	10	10	42		17		25
543		8	2		17	1	11
124		2	1		2	3	1
1720		21	75		51	15	24
3933	254	64	71		58	14	46
1956		23	7		34		62
86					2		9
26			7		1		6
72					3	2	10
413	10	1	7		11	9	20
551		11	23		40	14	98
831		10	8		35	1	6
68					3		
1120		4	65		23		24
1330		14	30		34	8	19
2096		10	81		71	15	178
195		3	17		10	1	20
3		1	1		3		20
							47
47		2	6		11	3	117
408		30	16		15		268
							36
2							
146		11	5				39
104							
750							
19		3	4				1
133		13	3		5		1
685		17	21		7	6	1
541		34	24		15	3	18
287	7		2		5	3	5
254		3			8		9

월 Month.	해역 Area		낚시수 No. of hooks	계 Total	참다랭이 BHT	황다랭이 YFT	날개다랭이 ALB
	위도 Lat.	경도 Long.					
7	61 00	090	13424	444		43	
	61 00	095	16024	353		64	
	62 00	040	10840	247	16	150	
	62 00	045	15140	232		147	
	62 00	050	10010	106		67	
	62 00	055	8985	120		55	1
	62 00	060	24930	328		137	5
	62 00	065	37840	650		106	
	62 00	070	51877	1980		759	21
	62 00	075	93326	1593		387	
	62 00	080	102254	1843		651	3
	62 00	085	98455	1733	1	635	2
	62 00	090	41310	714		161	1
	62 00	095	78824	1415		241	2
	62 00	100	13720	554		32	
	62 05	040	28190	384		122	60
	62 05	045	67560	1224		759	
	62 05	050	21150	370		170	4
	62 05	055	28800	624		292	17
	62 05	060	67220	903		277	20
	62 05	065	21500	336		68	
	62 05	070	27120	401		27	8
	62 05	075	342686	6719		1013	2
	62 05	080	173887	3194		384	1
	62 05	085	72890	947		183	
	62 05	090	107086	1696		526	6
	62 05	095	355919	6216		1507	6
	62 05	100	622084	12376		3198	255
	62 05	105	253605	6041		2068	86
	62 05	110	27547	500		129	5
	62 10	050	19200	754		519	22
	62 10	055	3200	83		48	7
	62 10	060	13830	141		60	14
	62 10	065	11100	138		13	55
	62 10	095	6000	70		9	

다랭이 BET	가다랭이 SKJ	황 새 치 SWO	녹 새 치 BUM	백 새 치 WHM	청 새 치 STM	돛 새 치 SAI	기 타 Others
393					4		4
275			6		8		
53	4		7		8	4	5
75		2	1		5		2
21		8	1		2	1	6
52		1	2		7	1	1
162	2		18				4
437		13	36		5		53
852		132	69		26	21	100
1032	10	22	34		65	2	41
1021		25	15		34	10	84
917	5	35	29		40	9	60
524	0	16	10		9	1	6
1092		6	35		10		21
514			5				3
163		16	3		8	1	6
415	1	20	2		10	1	16
169	3		10		2		3
275	10		23				7
480		17	11		30	15	53
222			11		8		7
300		13	15		11		27
5163		109	113		154	46	117
2570		36	54		93	14	42
688		11	35		9		21
1024		21	34		53		32
4332	55	48	70		99	17	82
8084	232	70	150		245	19	123
3409	3	29	99		147	4	196
314		7	19		4		22
179	7		21				6
20	1		5				2
43			1		7	8	8
65		1	2		1		1
60					1		

월 Month.	해역 Area		낚시수 No. of hooks	계 Total	참다랭이 BFT	흰다랭이 YFT	날개다랭이 ALB
	위도 Lat.	경도 Long.					
7	62 10	100	48070	1494		342	114
	62 10	105	380921	8980		2489	468
	62 10	110	582146	15463		1519	592
	62 10	115	57268	1531		283	358
	62 15	060	2610	73		15	
	62 25	040	16730	382		49	279
	62 26	045	119219	3094		339	2577
	62 25	050	42651	1042		135	796
	62 30	035	15900	460		20	410
	62 30	040	212603	7370		391	6263
	62 30	045	481335	13499	6	894	11177
	62 30	050	76200	3036		153	2653
	62 35	045	39580	1291	7	17	1089
	62 35	050	41314	1907		19	1784
	61 00	070	16448	313		69	
	61 00	075	10460	75		7	
	61 00	080	3120	14		2	
	61 00	090	92101	1505		313	
	61 00	095	18200	385		106	
8	61 05	065	9450	68		6	
	61 05	075	45955	1603			
	61 05	080	3250	18			
	62 00	045	25600	611		282	27
	62 00	050	6400	147		60	3
	62 00	055	5590	45		18	
	62 00	060	15634	199		98	
	62 00	070	17256	308		74	
	62 00	075	4110	94		46	
	62 00	080	6632	129		30	
	62 00	085	124980	1967		707	
	62 05	090	264884	3919		1198	16

눈다랭이 BET	가다랭이 SKJ	황 새 치 SWO	녹 새 치 BUM	백 새 치 WHM	청 새 치 STM	돛 새 치 SAI	기 타 Others
725	184	7	12		33	2	75
5168	133	83	166		177	5	291
11947	347	72	217		183	27	559
794		2	21		12	6	55
52		2				1	3
22		12			2	2	16
34		27	7		8	1	101
75		2					34
23		3			4		
518		51	14		33	10	90
1083		55	9		47		228
153		3	6		5	4	59
142		12					24
92		1	3				8
217			2		8	7	8
65						1	2
12							
1106		10	5		31		40
254		2			4	4	15
49		7	3		3		
1553		44	2		4		
14		1			3		
235	27		25				15
54	5		3				22
18					9		
88		6	1			5	1
214					4	15	1
32		4	2		9		1
84		3	3		9		
1106		28	25		46		55
2445	15	53	40		38	15	99

월 Month.	해역 Area		낚시수 No. of hooks	계 Total	참다랭이 BFT	황다랭이 YFT	날개다랭이 ALB
	위도 Lat.	경도 Long.					
8	62 00	095	231199	3766		534	2
	62 00	100	8785	63		11	
	62 05	050	38400	641		290	22
	62 05	055	81998	1847		676	58
	62 05	060	130145	2480		692	9
	62 05	065	50540	1209		253	
	62 05	070	109403	2446		580	70
	62 05	075	335304	7051		1464	4
	62 05	080	295552	5638		799	5
	62 05	085	183191	3415		741	15
	62 05	090	67581	1256		319	19
	62 05	095	167480	2804		712	13
	62 05	100	164309	1881		461	6
	62 05	105	137339	2132		777	35
	62 05	110	19305	377		11	
	62 10	045	14800	213		90	6
	62 10	055	8040	133		38	3
	62 10	060	2860	45			23
	62 10	065	59300	773		161	
	62 10	070	65100	1305		172	
	62 10	075	20900	307		61	12
	62 10	080	21880	420		85	13
	62 10	085	25656	402		42	4
	62 10	090	26510	273		58	2
	62 10	095	125037	2433		264	87
	62 10	100	178088	2689		692	147
	62 10	105	242321	4397		1091	225
	62 10	110	198884	4114		411	310
	62 10	115	366617	8254		713	2088
	62 10	120	49263	925		36	109
	62 15	055	8078	58		12	18
	62 15	060	3528	131		68	6
	62 15	110	2900	72		7	11
	62 15	115	23625	591		30	22

다랭이 BET	가다랭이 SKJ	황 새 치 SWO	녹 새 치 BUM	백 새 치 WEM	청 새 치 STM	돛 새 치 SAI	기 타 Others
2999		21	88		44	5	73
42			7		1		2
255	34		20				20
995		38	10		20	20	32
1507		67	37		80	10	76
859	15	2			10		70
1495	4	50	46		83	27	91
5001		104	136		164	29	149
4476		66	101		93	6	92
2464		49	25		58	6	77
789	17	22	8		39	11	32
1884		25	31		56	10	73
1206	5	30	21		83	21	48
1106		18	74		78	1	43
345			3		2		16
91	11		8				7
71			3		3	3	12
22							
547		1	23		15		26
1035		6	25		8		59
210		6	3		7		8
293		6	1		9		13
330		2	8		9		7
204		1	2			3	3
1980		19	20		34	1	28
1699		23	39		37	3	49
2604		43	61		134		239
2889	276	15	65		53	3	92
4956	65	57	123		59	5	188
688		10	15		9		58
22		1				3	2
45			4				8
39	14				1		
480	19		14		4		22

월 Month.	해역 Area		낚시수 No. of hooks	계 Total	참다랭이 BFT	황다랭이 YFT	날개다랭이 ALB
	위도 Lat.	경도 Long.					
8	62 20	050	14740	242		21	195
	62 20	055	11500	261		34	222
	62 20	060	2750	25		4	6
	62 25	035	5940	208		5	166
	62 25	040	51880	1402		327	892
	62 25	045	9030	159		27	90
	62 25	050	95787	2207		371	1449
	62 25	055	88508	1522		230	1101
	62 25	065	29200	419		33	332
	62 30	035	3120	68		5	21
	62 30	040	2850	84		3	70
	62 30	045	52869	1251		74	966
	62 30	050	272626	8464		277	6951
	62 30	055	407140	13269		569	10703
9	61 00	045	6400	119		60	3
	61 00	050	8842	75		41	
	61 00	055	7411	101		25	
	61 00	060	37998	520		154	
	61 00	065	47357	827		316	4
	61 00	075	22590	199		39	2
	61 00	080	8530	31		13	
	61 00	085	28220	240		48	
	61 00	090	94444	1438		308	3
	61 00	095	120207	2747		553	
	61 05	055	11193	225		12	
	61 05	060	53941	806		133	
	61 05	065	102380	2059		426	
	61 05	075	18000	216		122	
	61 05	080	27000	509		120	
	61 05	090	6230	56		1	
	62 00	045	29070	635		270	49
	62 00	050	19150	314		138	14
	62 00	055	325670	6247		3407	7

눈다랭이 BET	가다랭이 SKJ	황새치 SWO	녹새치 BIM	백새치 WEM	청새치 STM	돛새치 SAL	기 타 Others
13		3 2	3		3 3	2	5 12
19		6					10
35	4	39	5		3	15	77
17		10			2	3	10
227		12	3		18	2	125
99		6 5	5		16 5	1	64 44
40		1					1
10							1
182		9			12		8
1137	8	44	3		3		41
1868	2	43	1		21		57
45	4		3				4
12	4		4		12		2
49		5	3		12		7
278		20	17		22		29
386		22	18		29	3	49
99		12	28		1		18
11			3		4		
170			10		3	1	8
1011		19	39		27	4	27
1886	122	17	47		19	7	96
172		7	1		10		23
564		20	22		37	2	28
1219		47	18		69	20	260
71		3	1		6		13
360		4	3		5		17
53			1				1
261	20		15		3		17
120	15		15				12
2561		50	68		78	14	62

월 Month.	해역 Area		낚시수 No. of hooks	계 Total	참다랭이 BFT	황다랭이 YFT	날개다랭이 ALB
	위도 Lat.	경도 Long.					
9	62 00	060	277354	5186		2681	49
	62 00	065	1338'2	2060		560	96
	62 00	070	93697	2052		658	89
	62 00	075	46649	588		370	4
	62 00	080	73362	1119		430	10
	62 00	085	87394	1655		629	6
	62 00	090	94850	1460		472	14
	62 00	095	262150	4585		781	
	.						
	62 05	040	57400	1219		489	23
	62 05	045	45300	960		617	5
	62 05	050	27482	719		255	25
	62 05	055	330299	8248		4227	109
	62 05	060	153470	2755		1344	175
	62 05	065	138728	3051		611	
	62 05	070	286169	4851		849	109
	62 05	075	201830	3187		738	1
	62 05	080	169655	2526		565	1
	62 05	085	95256	1745		338	
	62 05	090	44931	879		154	35
	62 05	095	36303	919		174	1
	62 05	100	34849	520		84	
	62 05	105	18939	200		10	
	62 05	110	26873	514		26	
	62 10	050	52655	1288		422	450
	62 10	055	77902	1626		787	503
	62 10	060	2750	51		10	30
	62 10	065	2880	43		7	
	62 10	070	15005	254		29	
	62 10	075	56250	1296		231	148
	62 10	080	12720	257		21	4
	62 10	085	5712	85		27	4
	62 10	090	25880	661		43	58
	62 10	105	49667	1272		102	24
	62 10	110	94017	1764		119	12
	62 15	050	17300	370		104	243

군다랭이 BET	가다랭이 SKJ	황새치 SWO	녹새치 BUM	백새치 WHM	청새치 STM	돛새치 SAI	기타 Others
2028		69	69		138	57	95
1225		52	47		37	3	40
1032		13	26		16		218
154	1	16	10		7		26
607		16	8		9	2	37
847	2	38	39		33	6	55
756	3	48	33		21	4	109
3645		24	42		14	19	60
522	34		37		44		70
258	14		7		25		34
397		2	7		12		21
3487	3	68	130		100	4	120
1064		30	48		34	16	44
1419		49	43		41	10	878
3338	108	109	48		123	12	155
2203	5	53	15		36	18	138
1732		60	52		34	13	69
1302		30	18		34	2	21
522	109	15	8		14	3	19
677		12	4		11		40
371		3	21		18		23
171		2	8		4		5
470			16			2	
370		14	8		6	4	14
272		11	6		18	3	26
8			1		1		1
34			2				
206		2	5		7	2	3
714	161	1	17				24
213	5						14
40		2			7	2	3
447	98	4	2		8		1
1091		7	16		9	2	21
1546		9	37		15	7	19
							23

월 Month.	해역 Area		낚시수 No. of hooks	계 Total	참다랭이 BFT	황다랭이 YFT	날개다랭이 ALB
	위도 Lat.	경도 Long.					
9	62 15	055	61228	1089		292	673
	62 15	060	2860	65		49	7
	62 20	040	9280	192		33	129
	62 20	060	7040	50		8	40
	62 25	055	28424	945	1	159	646
	62 25	040	87110	2570		461	1732
	62 25	060	3300	35		2	25
	62 30	050	27620	964		10	769
	62 30	055	199495	6242		205	5299
	62 30	060	73360	2420		49	2099
10	61 00	040	22400	282		119	9
	61 00	045	25377	508		246	15
	61 00	050	3200	45		25	1
	61 00	055	41444	849		332	
	61 00	060	3156	108		62	
	61 00	065	5556	97		38	1
	61 00	075	16425	108		17	
	61 00	080	2700	22		12	
	61 00	090	50941	809		118	
	61 00	095	51805	460		16	
	61 05	045	16000	254		98	13
	61 05	050	2782	23		2	
	61 05	055	50147	1338		79	
	61 05	060	23296	562		233	
	61 05	065	2400	38		27	
	61 05	090	9025	15		8	
	62 00	040	29291	1814		1359	1
	62 00	045	112754	2460		1583	4
	62 00	050	286525	8150		5917	86
	62 00	055	379755	8055	1	4498	5
	62 00	060	114182	1911		1064	20
	62 00	065	136197	3062		1574	4

눈다랭이 BET	가다랭이 SKJ	황새치 SWO	녹새치 BUM	백새치 WHM	청새치 STM	돛새치 SAI	기타 Others
34			1		1		88
5			1				3
8		6 2	1		7	1	7
46		29	17		6		47
121		55	22		15	6	158
3		3			2		
181		2	1				1
677		19	1		11		30
250		4				1	17
101	26		12				15
174	26	1	16		9		21
15	2		1				1
395		5	5		74	15	23
25			5		4		12
52		3	2		1		
70		4	6		5		6
9					1		
630		12	12		14	5	18
410		8	2		9	3	12
91	16		10				26
10		1	1				9
1051		31	33		19		125
243		16	19		14	1	36
9					1	1	
5			1				1
335		44	8		25		42
751		7	21		42		52
1619	1	68	107		140	23	189
2888	10	82	143		189	50	189
705	2	4	30		21	6	59
1145		9	54		36	8	232

월 Month.	해역 Area		낚시수 No. of hooks	계 Total	참다랭이 BFT	황다랭이 YFT	날개다랭이 ALB
	위도 Lat.	경도 Long.					
10	62 00	070	54590	1014		358	1
	62 00	075	37910	601		318	1
	62 00	080	31830	519		235	
	62 00	095	16650	202		19	
	62 00	100	3450	31		16	
	62 05	040	101710	4274		2841	
	62 05	045	321579	9463		5841	180
	62 05	050	331329	9903		5768	632
	62 05	055	456690	9973	2	5048	251
	62 05	060	304120	6002		2752	
	62 05	065	288969	6541		2759	78
	62 05	070	132741	2310		653	65
	62 05	075	59131	713		227	
	62 05	080	45182	615		99	
	62 05	085	5100	64		6	
	62 05	090	60180	976		178	
	62 05	095	90292	1899		488	6
	62 05	100	47575	614		38	
	62 05	105	21390	370		13	2
	62 10	040	5000	183		162	
	62 10	045	24440	818		596	1
	62 10	050	179826	4323		1210	1976
	62 10	055	290445	6711		1763	3575
	62 10	060	44810	1918		402	1347
	62 10	065	6400	153		78	11
	62 10	070	94050	1494		361	
	62 10	075	16750	363		128	11
	62 10	090	5460	42		6	1
	62 10	095	122735	2319		190	225
	62 10	100	38205	522		48	29
	62 10	105	157400	3030		164	43
	62 10	110	22186	251		38	14
	62 15	055	105230	3021		507	2203
	62 15	060	25530	476		98	347

가다랭이 JEET	가다랭이 SKJ	황새치 SWO	녹새치 BUM	백새치 WHM	청새치 STM	돛새치 SAI	기타 Others
598		4	5		11		36
253		6	7		9		7
240		17	6		15		6
174		1	2		4		2
14					1		
147		25	52		104	6	92
834	3	92	85		181	32	215
043	7	85	105		88	33	142
016	11	127	138		183	66	131
900		69	38		80	32	81
149	281	42	48		49	23	112
239	261	9	13		16		54
459		8	2		4	1	12
491		10	11		1		3
54		1			3		
751		4	4		16	1	22
282		29	12		34		48
526	4	10	2		14		20
338		8			5		4
10			1		5		5
124		3	40		8	17	29
882		13	23		80	2	137
140		12	18		82		121
102		1	9		15		42
46	15				3		
908	130	15	13		24		43
205	9	1	3		5		1
25		2	2		3	1	2
853		19	5		17		10
425		5	1		10		4
564		61	61		54		83
178		5	3		8	1	4
208			6		36		61
9		1	3				18

월 Month.	해역 Area		낚시 수 No. of hooks	계 Total	참다랭이 BFT	황다랭이 YFT	날개나랑 ALB
	위도 Lat.	경도 Long.					
10	62 20	045	49110	1170		153	914
	62 20	050	7810	193		41	130
	62 20	060	23190	374		107	248
	62 20	065	27920	468		44	409
	62 25	040	18075	414		270	118
	62 25	045	25817	540		173	326
	62 25	055	3080	21		1	18
	62 25	060	14210	198		28	87
	62 30	055	9625	216		8	133
	62 30	060	23260	428		32	306
11	61 00	045	2478	37		28	
	61 00	050	39989	1412		1055	
	61 00	055	64434	1058		645	
	61 00	060	43750	1356		1209	
	61 00	065	35800	508		156	
	61 00	070	26800	508		254	
	61 00	075	7400	67		14	
	61 00	080	17800	184		48	
	61 00	085	12000	120		66	
	61 05	050	9600	172		75	19
	61 05	055	23730	911		762	
	61 05	065	4500	8		2	
	61 05	070	22100	375		85	
	61 05	085	7400	64		20	
	62 00	040	60714	2778		1610	2
	62 00	045	56170	1469		935	16
	62 00	050	316710	10580		8096	1
	62 00	055	142589	3102		1694	
	62 00	060	35871	587		322	
	62 00	065	22500	266		126	
	62 00	070	42800	654		264	
	62 00	080	2925	46		23	
	62 00	085	2925	60		35	

눈다랭이 BET	가다랭이 SKJ	황새치 SWC	늑새치 BUM	백새치 WHM	청새치 STM	돛새치 SAI	기타 Others
42		26	3		12	8	12
3		1			7	1	10
1		7	3				8
1		1	5			1	7
17		6	1		2		
13		11	2		14		1
1					1		
77					1		5
74		1					
87		1					2
3		1	3				2
226		14	101				16
353	9		23		22	5	1
102	1		8		28		8
316		4	4		12		16
209		4	10		13	2	16
41			1		9	2	
105		4	11		12		4
41		5	4		4		
60	3		8				7
112	1		7		22		7
3					1		2
254		8	6		3		19
35		1	3				5
1009	3	13	30		27	1	83
380	9	19	37		14	12	47
1735	5	86	106		216	70	265
1218	17	26	42		39	9	57
231		4	4		5	4	17
103		4	10		10		13
330		12	9		18		21
19			3		1		
23							2

월 Month.	해역 Area		낚시수 No. of hooks	계 Total	참다랭이 BFT	황다랭이 YFT	날개다랭이 ALT
	위도 Lat.	경도 Long.					
11	52 00	095	65270	1051		200	1
	62 05	040	553546	24119		13994	19
	62 05	045	196195	5681		3768	15
	62 05	050	173992	3950		2007	45
	62 05	055	441912	11513		5221	310
	62 05	060	107061	2107		1177	1
	62 05	065	63106	1715		541	54
	62 05	070	7500	21		6	
	62 05	075	8835	127		53	
	62 05	080	21600	479		174	1
	62 05	085	22820	459		95	
	62 05	095	42550	508		109	
	62 05	100	15350	209		40	1
	62 10	050	56970	1419		313	51
	62 10	055	196616	5154		1530	1417
	62 10	060	35300	704		334	80
	62 10	065	2925	19		4	3
	62 10	070	22500	352		85	
	62 10	080	10500	203		51	
	62 10	085	13200	254		46	
	62 10	095	21560	410		116	1
	62 10	100	138502	2510		293	231
	62 15	045	9280	173		36	105
	62 15	050	19040	440		59	286
	62 15	055	298184	9628		1796	6933
	62 15	060	83699	1633		346	1131
	62 20	055	15742	333		52	268
	62 20	060	74237	1675		225	1352
	62 25	040	13706	208		118	74
	62 25	045	19107	528		376	125
	62 25	060	11970	195		33	148
12	61 00	050	2412	20		7	

가나랭이 JET	가나랭이 SKJ	황새치 SWO	녹새치 BUM	백새치 WHM	청새치 STM	돛새치 SAJ	기 타 Others
742	4	19	21		20	3	41
844	2	155	207		345	32	521
543	3	55	37		123	26	111
647	8	38	61		62	26	56
392	27	66	133		146	66	152
826		5	13		6	4	75
046		17	14		17	1	23
12					1		2
59			3		8		4
276		1	6		9		12
345		3	5		3		8
363		6	13		15		2
141		5	11		5		6
950		11	24		18	8	44
961	16	12	93		42	7	76
228	2	4	12		7	7	30
11							1
234		7	6		3		17
140		1	4		4		3
194		6	2		2		4
274		10	1		6		2
888		35	14		20		29
20					6		6
87			8				
730		12	7		71		79
92		1	17		17	2	27
5		1	1		3		3
35		7	18		18		20
4		2	2		7		1
17		5			5		
5					5		4
3			10				

월 Month.	해역 Area		낚시수 No. of hooks	계 Total	참다랭이 BFT	흰다랭이 BFT	남개다 A.L.
	위도 Lat.	경도 Long.					
12	61 00	055	27160	395		263	
	61 00	060	32552	1510		1057	
	61 00	065	48700	1227		668	
	61 00	075	19170	559		115	
	61 05	050	3200	15		2	
	61 05	075	2275	11		3	
	62 00	040	225429	8511		5211	
	62 00	045	122268	3795	11	2042	
	62 00	050	256143	6434		4233	
	62 00	055	115936	2566		1696	
	62 00	060	169800	4692		2895	
	62 00	065	70414	1632		1105	
	62 00	070	98512	2577		1711	
	62 00	075	11954	285		144	
	62 05	040	636208	22324		16008	357
	62 05	045	246736	6829		4561	
	62 05	050	150251	3578		1749	107
	62 05	055	75978	1347		493	621
	62 05	060	57669	2355		1240	
	62 05	065	50502	1125		619	11
	62 05	070	47827	1402		707	
	62 05	080	30500	802		271	231
	62 05	085	21960	561		115	41
	62 05	090	3200	11		3	1
	62 05	095	16875	294		76	31
	62 10	040	49684	2704		2279	101
	62 10	050	83940	2380		563	1459
	62 10	055	85720	1910		506	872
	62 10	060	8966	179		42	108
	62 10	080	3200	9		5	2
	62 10	085	16170	770		40	4
	62 10	090	5410	73		9	4
	62 10	100	68775	1652		131	126

다랭이 BET	가다랭이 SKJ	황새치 SWO	녹새치 BUM	백새치 WHM	청새치 STM	돛새치 SAI	기 타 Others
115					7		10
335	14	13			27	9	55
439		5	35		40		40
377			28		8	1	10
5	5		2				
2			6				
2884	7	92	57		105	15	137
1492		32	44		35	7	132
1735	31	42	75		116	19	183
640	31	20	55		43	9	72
1519	23	43	19		43	31	115
395	4	2	13		37	13	42
696	1	1	23		59	14	53
119		1	2		10		9
4774	42	157	227		315	94	348
1909	14	50	86		68	14	112
1543	10	13	44		42	15	55
677	5	13	22		37	4	34
1022	5	9	20		26	4	29
420	3	10	7		21	14	30
616	37	2	2		28	2	8
494	5	1	5		2		1
411	1	5	2		18	3	2
5			2				
177	1		5		8		3
240		17	32		10	7	16
317		8	5		11		16
443		5	26		30	1	27
17			2		5	1	4
2							
699		8	1		10	3	5
54					4	2	
1366		1	15				13

눈다랭이 BET	가나랭이 SKJ	황새치 SWO	녹새치 BUM	백새치 WHM	청새치 STM	돔새치 SAI	기타 Others
10					18	6	7
100		3	10		39		52
		1	1		1		
12					14		6
7					10		9



太 平 洋

Pacific Ocean

1975 - 1978

1975

월 Month.	해역 Area		낚시수 No. of hooks	계 Total	참다랭이 BFT	황다랭이 YFT	날개다랭이 ALB
	위도 Lat.	경도 Long.					
1	61 00	165	10310	77		8	1
	61 05	170	17360	160		86	
	61 10	170	26550	264		141	
	61 10	175	1080	108		58	
	62 15	160	7506	78		3	70
	62 20	160	20514	408		55	321
	63 00	135	2350	8		3	
	63 00	140	4600	19		10	1
	63 00	145	4550	32		18	
	63 00	150	7096	137		29	
	63 00	160	12550	181		37	5
	63 00	170	12040	85		31	
	63 05	115	2568	18		10	
	63 05	120	25146	283		99	
	63 05	125	2514	12		3	
	63 05	130	5072	91		18	
	63 05	135	16704	155		47	2
	63 05	140	71086	529		196	10
	63 05	145	11872	138		37	
	63 05	160	15010	230		65	2
	63 05	165	2450	69		5	1
	63 05	170	4790	33		10	
	63 10	130	9000	80		8	45
	63 10	135	2250	13		3	1
	63 10	140	3950	45		5	25
	63 10	145	4600	37		10	20
	63 10	150	2300	7			5
	63 15	130	2350	7		1	5
	63 15	140	2250	11		3	5
	64 00	095	54390	958		264	135
	64 00	100	10330	124		5	2
	64 05	100	42880	534		50	10
	64 05	105	5000	72		8	
	64 05	160	69062	770		489	25

눈다랭이 BET	가다랭이 SKJ	황새치 SWO	녹새치 BUM	백새치 WHM	청새치 STM	돛새치 SAI	기 타 Others
45	1				2		20
43							31
72							51
30							20
2							3
7							25
4			1				
4			1				3
9			1			1	3
54	51		3				
98	3				3	1	34
35	1				1		17
4	4						
110	51		12		10	1	
4	4		1				
22	51						
56	41		5			3	1
280	10		8		3	2	20
61	31		1		2	3	3
121	3				5		34
43	2				3	1	14
9							14
24			3				
9							
11	3						1
7							
2							
			1				
			1			2	
423			8		17	24	87
108	3				2	1	3
447	10	2			5	4	6
61			1		1	1	
161	20	6	8			2	59

월 Month.	해역 Area		낚시수 No. of hooks	계 Total	참다랭이 BFT	황다랭이 YFT	날개다랭이 ALB
	위도 Lat.	경도 Long.					
2	61 05	165	16000	160		86	
	61 05	170	37070	371		199	
	62 10	175	9150	74		34	30
	63 00	125	38255	683		165	170
	63 00	130	33645	508		99	50
	63 00	135	10000	140		13	1
	63 00	145	2350	5			
	63 00	150	2380	22		13	
	63 00	155	2414	30		3	
	63 00	160	21860	246	2	34	5
	63 00	165	48260	469	2	52	10
	63 00	170	4750	10		3	1
	63 05	140	29650	215		78	10
	63 05	145	6950	35		21	1
	63 05	150	13694	67		29	5
	63 05	155	42186	663	2	207	10
	63 05	170	16450	104		31	50
	63 10	140	3150	30		10	2
	63 10	145	3150	15		5	2
	64 00	120	15430	207		18	
	64 00	125	10100	144		26	2
	64 00	155	7368	90		24	
	64 00	160	23320	267		146	2
	64 00	165	10850	72		13	2
	64 00	170	5320	57		34	1
	64 05	155	41138	630		183	10
3	61 00	160	13000	128		68	
	61 05	160	1100	108		58	
	61 05	165	29900	294		157	
	62 35	170	1986	6			1
	62 35	175	15852	400			391
	62 40	175	25794	742			731
	63 00	140	20475	363		112	75
	63 00	145	14420	254		81	45
	63 00	150	14000	285		21	80

눈다랭이 BET	가다랭이 SKJ	황새치 SWO	녹새치 BUM	백새치 WEM	청새치 STM	돛새치 SAI	기 타 Others
43							31
102							70
2							8
236			8		10	15	76
316	10	6	3		3	4	17
106	10	2	1		2	2	3
4						1	
6	3						
24	3						
132	2				5	4	62
234	10				14	4	143
6							
110			4		2		11
11			1				1
28	1		3			1	
423	10		4		1		6
22							1
9			1				8
6					1		1
171	10	2	4			1	1
102	10		1				3
59	4		1		1		1
78	10	1	1			1	28
41	3				3	2	28
13	2		1				6
336	31	2	5		1		62
32							23
30							20
84							53
4					1		
7					2		
9					2		
126			4		3	4	39
97			3		5	6	17
154			1		3	6	20

월 Month.	해역 Area		낚시수 No. of hooks	계 Total	참다랭이 BFT	황다랭이 YFT	날개다랭이 ALB
	위도 Lat.	경도 Long.					
3	63 00	160	18600	207		34	1
	63 00	165	4200	19		5	5
	63 00	170	77857	867		455	10
	63 05	140	45280	482		99	20
	63 05	145	47020	685		128	50
	63 05	155	12390	150		10	25
	63 05	160	13840	254		52	10
	63 05	165	43241	459		65	55
	63 05	170	5610	61		13	2
	63 10	145	9910	106		16	5
	64 00	170	2950	25		1	1
4	63 00	140	68085	1225		330	271
	63 00	145	5670	158		24	10
	63 05	140	13480	198		50	15
	63 05	145	24430	377		71	40
	63 5	150	55290	788		196	50
	64 00	160	14150	177		42	5
	64 00	165	21350	444		37	5
	64 05	160	17830	285		92	5
	64 05	165	17200	369		13	5
	64 05	170	12580	160		16	5
	64 10	175	26030	345		42	5
	64 15	175	12150	175		16	5
5	63 00	175	14882	233		68	30
	63 05	140	45180	948		120	70
	63 05	145	27210	520		84	2
	63 05	150	3420	47		16	
	63 05	155	3420	45		16	1
	63 05	165	39620	691		112	180
	63 05	170	11690	186		73	20
	63 05	175	24650	383		110	70
	64 00	165	27470	391		26	5
	64 00	170	17590	277		18	5

가나랭이 BET	가나랭이 SKJ	황 새 치 SWO	녹 새 치 BUM	백 새 치 WHM	청 새 치 STM	돛 새 치 SAT	기 타 Others
137	3	4	3		1	4	20
9							
252	20				5	4	121
327	5	1	5		5		20
488			5		3		11
100	2	2	3		2		6
148	2				9	2	31
221	2	4	7			2	3
13	1				3	1	28
72	3	2	3			2	3
4	2				1	2	14
501			12		19	11	81
74			4		5	2	39
128					2		3
256		2			2		6
510		2			5		25
65	4				7	6	48
303	5				7	6	81
152	3				7	6	20
252	3				9	6	79
130	2	2	1			1	3
273	10	4	3				8
135	10	2			2	2	3
108	10		3			6	8
726			5		5		22
414			1		2		17
28							3
24			3				1
295			7		10	11	76
54			1		2	11	25
165	10		11			11	6
230	10				10	9	101
178	3				7	4	62

월 Month.	해역 Area		낚시수 No. of hooks	계 Total	참다랭이 BFT	황다랭이 YFT	날개다랭이 ALB
	위도 Lat.	경도 Long.					
5	64 05	165	10700	164		24	5
6	61 05	170	11620	134		65	15
	61 05	175	5705	70		21	5
	62 00	155	10748	100		44	15
	62 00	160	16590	186		105	40
	62 05	155	11060	107		50	25
	63 30	170	25662	237		128	60
	63 00	175	34259	503		149	80
	63 05	155	3420	39		8	5
	63 05	160	3370	43		8	5
	63 10	160	3370	33		8	2
	63 10	165	3150	30		5	2
	63 10	170	6300	69		10	5
	63 10	175	3150	39		5	5
	64 10	090	10800	594			
	64 15	095	40280	1605			
	61 00	125	2632	56		18	
	61 05	125	25128	685		405	
	61 05	130	5168	69		31	
7	62 00	160	8400	114		81	
	62 05	155	56630	762		432	160
	62 05	160	12600	299		133	1
	62 15	155	19558	318		89	180
	63 00	170	33383	524		152	85
	63 05	170	26187	407		112	70
	64 00	105	7200	89		18	
	64 00	110	10410	96		13	1
	64 05	110	5260	36		5	1
	64 05	115	7690	90		16	1

눈다랭이 BET	가다랭이 SKJ	황새치 SWO	녹새치 BUM	백새치 WHM	청새치 STM	돛새치 SAI	기타 Others
71	2				7	4	51
48			3				3
30			3				11
19		4	1		2	4	11
19		6	4		2	2	8
7	5	1	3		1	4	11
19	10		5			9	6
236	10		7			13	8
19			1				6
20			1		1		8
22							1
22					1		
48							6
22			1				6
			1			551	42
			1			1556	48
37					1		
265		2	7				6
35		1			2		
11	1		1		1	2	17
54	10	10	11		9	17	59
93			3			13	56
17	2	6	3		2	2	17
239	20		8			9	11
180	20		4			13	8
61	5	2					3
61	10	2	1		2		6
26	2		1				1
59	4				1	1	8

월 Month.	해역 Area		남시수 No. of hooks	계 Total	참다랭이 DHT	완다랭이 YHT	날개다랭이 ALB
	위도 Lat.	경도 Long.					
7	64 05	120	10200	106		21	1
	64 05	175	30800	375		162	
	64 10	090	114000	3978			
	64 10	095	2400	87			
	64 15	090	14700	368			
	64 15	095	4400	181			
8	61 00	125	7544	92		37	1
	61 05	125	2440	30		8	
	62 00	175	4200	83		34	20
	62 05	110	8160	119		1	5
	62 05	115	4288	43		3	5
	62 05	165	2100	21		5	2
	62 05	170	2100	50		24	10
	62 05	175	25200	748		194	205
	62 10	110	16848	157		10	10
	62 10	115	7424	78		21	10
	62 15	110	8040	217		1	170
	62 15	155	33222	649		214	346
	62 20	155	8400	184		52	115
	62 25	155	19446	402		126	225
	62 25	160	8400	154		47	85
	63 00	150	75600	1273		65	35
	63 00	155	14970	276		63	55
	63 00	160	23430	324		68	5
	63 00	170	2100	29		5	5
	63 05	170	13760	229		68	35
	63 05	175	2100	55		18	10
	64 00	100	33740	431		55	5
	64 00	105	4900	74		8	2
	64 05	075	4200	78			
	64 05	085	2400	115			
	64 05	095	2620	35		5	1

다랭이 BET	가나랭이 *SKJ	황 새 치 SWO	녹 새 치 BUM	백 새 치 WHM	청 새 치 STM	돛 새 치 SAI	기 타 Others
63	10				2	1	8
154	10	17			2	13	17
			8		2	3861 84	107 3
			1			354 184	14 6
50		1	1				
22							
24						4	1
111		2					
35							
9						2	3
7						1	8
280					1	6	62
132		4			1		
45		2					
39		1			3		3
28		8	5		3	6	39
4		2	1		2	2	6
22		4	3		2	6	14
6	4	1	1		1	1	8
1125			11		9		28
113						6	39
228	10		3		2		8
9						2	8
89	10		4			6	17
13							14
269	61		11		12	1	17
45	10		4		2		3
			2			73 115	3
22	5		2				

월 Month.	해역 Area		낚시수 No. of hooks	계 Total	참다랭이 BFT	황다랭이 YFT	날개다랭이 ALE
	위도 Lat.	경도 Long.					
8	64 05	100	7460	100		16	
	64 05	175	67200	823		303	
	64 10	085	2400	162			
	64 10	090	30800	990			
9	62 20	165	27356	535		139	326
	62 25	160	45367	869		259	486
	63 00	150	34150	319		26	25
	63 00	155	19800	166		52	
	63 00	160	79850	1035		269	20
	63 00	165	30640	332		120	5
	63 00	175	26850	310		118	
	63 05	140	31740	758		243	70
	63 05	145	39850	956		301	105
	63 05	150	49320	492		18	25
	63 05	160	3420	27		3	5
	63 05	165	46420	801		241	145
	63 10	155	20510	301		34	120
	64 00	095	12310	141		21	5
	64 00	100	33160	398		44	10
	64 00	150	19350	171		50	
	64 00	155	19650	166		52	
	64 00	175	27030	300		120	15
	64 05	165	5770	76		21	25
	64 05	170	8550	125		26	40
	64 05	175	47600	619		259	
	64 10	090	79910	4434			
	64 10	095	4620	235			
	64 15	090	25942	1236			
	64 15	095	18115	847			
10	61 00	170	5159	40		13	
	62 20	165	8274	126		39	65
	63 00	140	39705	1074	6	228	185
	63 00	145	30735	752	7	319	35

다랭이 BET	가다랭이 SKJ	황새치 SWO	녹새치 BUM	백새치 WHM	청새치 STM	돛새치 SAI	기 타 Others
65	10		4		2		3
401	20	31			3	28	37
			2			160	
			4			938	48
30		6	3		2	4	25
35		15	3		5	4	62
247			1		3		17
102		8	1		3		
5~4	102	6	9		10		25
1~1		12	4		10	17	14
171		8	4		3		6
408					3		34
523					2		25
427			3		5		14
13			1		2		3
356	20	4	4		3	6	22
110	10	4			1		22
78	31		1		2		3
265	51	10	5		3	4	6
110		4	4		3		
100		6	3		5		
143		6	3		5		8
17	5				1	1	6
28	3		3		1	4	20
264	20	31			3	17	25
			4			4332	98
						229	6
						1219	17
						819	28
7	1				3	2	14
9	2	2			1	2	6
585	10				5	24	31
330		10	1		3	19	28

월 Month.	해역 Area		낚시수 No. of hooks	계 Total	참다랭이 BFT	왕다랭이 YFT	날개다랭이 ALB
	위도 Lat.	경도 Long.					
10	63 00	150	14220	208		31	15
	63 00	155	34860	389		112	10
	63 00	160	142330	2192		549	85
	63 00	165	147590	2354		827	105
	63 00	175	10800	71		34	
	63 05	140	9450	168		55	10
	63 05	145	2750	53		8	5
	63 05	150	25200	268		105	
	63 05	155	90711	1024	7	298	165
	63 05	160	30060	275		92	30
	63 05	165	51910	766		199	150
	63 10	155	30681	455	8	44	180
	64 00	095	30700	414		31	5
	64 00	100	9990	157		10	5
	64 00	175	2800	34		18	
	64 05	145	14000	94		37	
	64 05	150	7000	62		29	
	64 05	175	44800	566	2	254	
	64 10	090	96797	4293			
	64 10	165	11970	185		37	65
	64 20	170	9180	211			210
	64 25	165	17950	419		16	356
	64 25	170	20850	530		21	456
	64 30	165	2950	68		5	55
11	61 00	165	3150	37		3	5
	61 00	170	6300	74		8	10
	61 00	175	6300	86		8	15
	63 00	140	7350	57		24	
	63 00	145	6450	67		24	
	63 00	150	24905	389		99	15
	63 00	155	17930	387		89	45
	63 00	160	96145	2036		296	70
	63 00	165	58740	1348		157	70
	63 00	170	3370	33		5	5
	63 00	175	6300	75		8	15

눈다랭이 BET	가다랭이 •SKJ	황새치 SWO	녹새치 BUM	백새치 WHM	청새치 STM	돛새치 SAI	기 타 Others
152		4	3				3
234	20	4	4		2		3
1399	31	13	15		15	6	79
1169		29	20		21	28	155
33		1	1		2		
91			1			11	
35						2	3
152		6	3		2		
486	20	13	8		5		20
137		4	3		1		8
341	31	10	8		7		20
173	10	8			1		31
277	61	4	3		7	9	17
102	20	1	1		3	4	11
9	2	2					3
54		1	1		1		
32		1					
225	31	19			2	13	20
						4172	121
33					2		48
		1					
24			1		2		20
30		1	1			1	20
4			1				3
22			1				6
48					2		6
54			1		2		6
13	10	4	1			2	3
39		2	1		1		
264	10		1		2		8
219			1		3	2	28
1360	71		15		38	6	180
961	3		11		3	17	126
17							6
48			1		2		1

월 Month.	해역 Area		낚시수 No. of hooks	계 Total	참다랭이 BFT	황다랭이 YFT	날개다랭이 ALB
	위도 Lat.	경도 Long.					
11	63 05	140	31800	445		92	
	63 05	145	36750	434		188	
	63 05	150	13380	139		34	5
	63 05	155	42950	513		146	30
	63 05	160	2610	69		10	10
	63 05	165	13450	169		31	1
	63 05	170	13050	116		44	
	63 10	145	53600	426		141	
	63 10	150	7686	123		8	50
	63 10	155	25386	391		37	160
	63 10	160	25676	364		42	150
	64 00	095	7500	101		8	5
	64 00	100	50790	570		92	40
	64 00	105	2500	29		3	
	64 00	145	28500	376		183	
	64 00	150	7000	83		34	
	64 05	145	16800	170		58	
	64 05	175	70000	894		426	
	64 10	085	2520	19			
	64 10	095	75170	3244			
	64 25	170	6100	171		10	140
	64 30	165	23900	526		29	441
	64 30	170	14750	356		31	281
	64 35	160	6000	143		8	120
	64 35	165	18000	394		24	326
12	62 00	175	27450	497		254	195
	62 05	175	29700	465	6	201	215
	63 00	140	13200	129		44	
	63 00	145	30850	370		162	
	63 00	150	95690	1180		405	10
	63 00	155	92210	1688		230	40
	63 00	160	35195	602	2	84	15
	63 00	165	4940	96		3	1
	63 05	140	10500	76		24	
	63 05	150	20250	218		81	

눈다랭이 BET	가다랭이 SKJ	황새치 SWO	녹새치 BUM	백새치 WHM	청새치 STM	돛새치 SAI	기타 Others
290	10	12	4		9	6	22
213		13	2		7	1	3
85		2	3		2		8
301		6	5		7	4	14
35			3				11
95		2	1		2	6	31
63		4	3		2		
267		8	3		7		
50	3	1					11
147	10	12					25
137	10	4			1		20
72	4	2	3		2	2	3
349	41	10	13		15	4	6
19	4						3
176		6	5		3		3
41		2	1		2		3
100		4	3		2		3
360	31	29			5	15	28
						19	
						3185	59
15							6
30					1		25
26			1				17
7							8
28	1		1				14
		6	8		14		20
		2	17		7		17
78		4	1		2		
191		6	3		2		6
696	20	13	13		12		11
1186	61		8		19	4	140
421	10		1		3	4	62
78	1				2		11
50		2					
128		1	3		2		3

월 Month.	해역 Area		낚시수 No. of hooks	계 Total	참다랭이 BFT	황다랭이 YFT	날개다랭이 ALB
	위도 Lat.	경도 Long.					
12	63 05	160	52577	934	11	180	35
	63 05	165	2460	61		21	5
	63 10	135	27200	286		118	
	63 10	140	6200	66		26	
	63 10	145	6200	61		18	
	63 10	150	18298	266	2	24	110
	63 10	155	28917	419	4	44	175
	64 00	100	5140	51		8	
	64 00	105	38180	420		86	5
	64 00	110	5400	42		3	
	64 00	145	7780	73		8	
	64 00	150	44700	505		194	90
	64 00	155	6300	68		34	
	64 05	175	11200	181	2	71	
	64 10	090	167702	5369			
	64 15	165	9200	213		24	155
	64 20	165	3050	75		3	60
	64 20	170	11800	245		21	180
	64 25	170	11650	252		13	210

군다랭이 BET	가나랭이 SKJ	황 새 치 SWO	녹 새 치 BUM	백 새 치 WHM	청 새 치 STM	돛 새 치 SAI	기 타 Others
661			1		7	11	28
30					2		3
156		6	3		3		
37		2	1				
39		4					
98	10	2					20
150	10	2					34
30	5	4	1		2		
256	31	6	7		5	4	20
32	2				2		3
43	10	6			3		3
197	4	4	4		5	1	6
32		1	1				
82	10	2			2	4	8
						5285	84
13	3	1					17
6							6
17	1	1	1		2	2	20
19			1			1	8



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월 Month.	해역 Area		낚시수 No. of hooks	계 Total	참다랭이 BFT	황다랭이 YFT	날개나랭이 ALT
	위도 Lat.	경도 Long.					
1	62 00	160	7980	110		59	21
	62 00	170	49800	865		370	
	62 00	175	27000	497		173	
	62 05	170	3600	73		35	
	62 05	175	2700	21		5	
	63 00	145	41040	807		202	5
	63 00	150	39946	788		108	5
	63 00	155	76345	1180		281	48
	63 00	160	54830	823		256	27
	63 00	165	34220	613		100	5
	63 00	175	2480	56		13	
	63 05	090	29000	1399		32	
	63 05	140	8441	123		38	
	63 05	145	31028	772		121	16
	63 05	150	8538	241		11	16
	63 05	155	6070	115		24	5
	63 05	160	37100	363		130	
	63 05	165	17500	152		73	
	64 00	080	7980	146			
	64 00	145	45000	400		159	
	64 00	150	10800	154		35	
	64 00	155	88680	1022		424	231
	64 00	160	12380	167		67	16
	64 00	165	3600	75		35	1
	64 00	170	20900	193		70	
	64 05	080	22560	308			
	64 05	085	2820	41			
	64 05	090	23940	441			
	64 05	150	36000	315		103	
	64 05	155	3600	30		19	
	64 05	160	29150	358		97	
	64 05	170	7200	147		70	5
	64 10	090	66140	1928			
2	62 00	155	5495	67		30	11
	62 00	160	95473	1274		688	220
	62 00	165	4700	94		35	21
	62 00	170	19800	263		121	
	62 00	155	27713	347		208	64

눈다랭이 BET	가다랭이 SKJ	황새치 SWO	녹새치 BUM	백새치 WHM	청새치 STM	돛새치 SAI	기타 Others
22	2						6
444		9	5			6	31
282		8	8			6	20
33		5					
13							3
451	79	2	3			3	62
455	13	5	5			3	194
709	13		11			3	115
453			14			6	67
413	13	6	8			3	65
37							6
		5	7			133.8	17
59		2	1			3	20
551		5	3			3	73
179	1	2				1	31
74			1			3	8
208		8	3				14
72		3	1				3
						146	
223		9	3				6
116		2	1				
289	13	3	10			10	42
74	4						6
37			1				1
114		5	1				3
						305	3
						38	3
		2	1			435	3
195		6	5				6
11							
236		12	5				8
70			1				1
			1			1916	11
15						3	8
265	13	3			23	6	56
33		2					3
120			5		6	3	8
44	6		2			3	20

월 Month.	해역 Area		낚시수 No. of hooks	계 Total	참다랭이 BFT	황다랭이 YFT	날개다랭이 ALB
	위도 Lat.	경도 Long.					
2	62	05	165	48520		294	21
	62	05	170	13500		76	
	63	00	145	35185	1	54	5
	63	00	150	91274		475	5
	63	00	155	17100		38	
	63	00	160	8710		32	11
	63	00	165	22320		59	
	63	05	140	5410	1	19	5
	63	05	145	28750	1	40	
	63	05	150	47710		162	11
	63	05	165	19650		57	
	63	10	145	1843	1	5	1
	63	10	155	1610		8	1
	64	00	080	19950		46	
	64	00	150	13500		46	
	64	00	155	15890		265	2
	64	00	160	74210		918	11
	64	00	165	48600		443	2
	64	00	170	32250		84	
	64	00	175	7200		43	
	64	05	070	3600			
	64	05	080	24220			
	64	05	150	6300		38	
	64	05	155	56000		213	
	64	05	160	10900		32	
	64	05	170	1820		5	
	64	05	175	34250		186	
	64	10	085	5320			
	64	10	090	5320			
3	61	00	155	13160		219	1
	61	00	165	20590		89	
	61	05	175	25200		100	5
	61	10	160	7860		16	48
	61	10	175	3300		13	
	61	15	160	24240		43	247

눈다랭이 BET	가다랭이 SKJ	황새치 SWO	녹새치 HUM	백새치 WIM	청새치 STM	돛새치 SAI	기 타 Others
317	3	2	8		4	1	17
144			3		6		
521	40	5	6		1	6	107
1203	13	5	14		7	3	107
225		5	1		1	3	22
57			5				
223		3	2		1		
55		3	2		1	1	31
398	2	6	5		4	6	155
433	53	2	12		9	10	11
120		5	1		1		
24		2	1				11
			5				8
		2	2		1	928	
85		3	1		1		
131			1				14
628	3		7		6	6	34
564	1		7		5	1	8
195		11	5		4		
50		3	1		1		
			1			60	
						454	6
44		2	2		1		
291		8	9		6		
70		3	1		1		
7			2		2		3
210		11	7		4		
			1			83	
			1			83	
109	13					483	59
160	3	5					20
168		3					25
9	13						39
22		2					11
13	26					1	98

월 Month.	해역 Area		낚시수 No. of hooks	계 Total	참다랭이 BFT	황다랭이 YFT	날개다랭이 ALB
	위도 Lat.	경도 Long.					
3	62 00	160	4600	104		35	16
	62 00	165	9600	157		46	48
	62 00	170	67841	823		456	150
	62 05	165	18260	209		113	38
	62 05	170	15855	191		119	32
	62 05	175	18494	242		143	48
	63 00	145	39087	789		62	1
	63 00	150	110258	1775		883	11
	63 00	155	22571	242		84	5
	63 00	160	38768	487		143	11
	63 00	165	41014	529		254	16
	63 00	170	48030	878		478	43
	63 05	145	4371	47		3	1
	63 05	150	16600	204		46	5
	63 05	160	25242	551		319	
	63 05	165	68532	909		89	11
	63 05	170	20672	410		148	64
	63 10	150	1750	7			
	64 00	080	26200	1200		86	
	64 00	155	15570	250		67	1
	64 00	160	9400	148		62	21
	64 00	170	5240	117		70	16
	64 00	175	44708	1351		1023	102
	64 05	070	16600	170		3	
	64 05	075	21020	331		8	
	64 05	080	115660	2395		13	
	64 05	155	34470	320		105	
	64 05	160	3500	38		11	
	64 05	165	9400	194		59	59
	64 05	170	7000	112		38	32
	64 05	175	23850	366		167	91
4	61 00	150	2088	9		5	
	61 00	155	20660	727		559	5
	61 00	160	34090	1291		756	5
	61 00	165	59400	982		337	16
	61 00	175	12374	145		43	1
	61 05	165	20250	348		76	5

눈다랭이 BET	가다랭이 SKJ	황새치 SWO	녹새치 BUM	백새치 WHM	청새치 STM	돛새치 SAI	기타 Others
48		2					3
52		2				6	3
136	13	2				10	56
35	6						17
31	3						6
31	3						17
566	13	6				6	135
693		2				3	183
112	13					3	25
241	13	3				3	73
238	4					3	14
328	13	2				3	11
31						1	11
127	13	2					11
210		2					20
750	5	23					31
173	3	2				3	17
1							6
						1106	8
153						1	28
33	26						6
26		2					3
162		11					53
		2					3
		2				162	3
		9				318	25
179		11				2348	25
24							3
52	13	2					6
26	13					3	3
61		2					42
						3	
4							
118	26			2			17
376	53			14			87
525	26	33		11			34
85	2	2		6			6
241		21		2			3

월 Month.	해역 Area		낚시수 No. of hooks	계 Total	참다랭이 BFT	황다랭이 YFT	날개다랭이 ALB
	위도 Lat.	경도 Long.					
4	61	10	3100	57		5	38
	62	00	6182	63		22	38
	62	00	57104	700		381	113
	62	00	45759	579		332	75
	62	05	2800	81		43	11
	62	05	5600	172		111	11
	63	00	13880	193		49	11
	63	00	14640	189		57	16
	63	00	118614	3077		1938	182
	63	00	157138	3440		1922	456
	63	05	1904	30		11	5
	63	05	49868	1233		726	97
	63	05	37013	1451		562	402
	63	10	2000	13		3	5
	63	10	27570	629		221	236
	63	15	18810	357		121	102
	64	00	15900	440		13	
	64	00	17010	258		30	
	64	00	4230	122		13	
	64	00	55430	936		211	16
	64	00	39510	569		140	16
	64	00	32730	658		283	11
	64	00	38656	935		532	59
	64	00	9600	183		27	86
	64	05	12550	308		5	
	64	05	75850	1682		54	
5	61	00	3370	51		16	1
	61	00	10110	120		24	2
	61	00	28110	544		235	2
	61	00	16850	179		30	11
	61	00	6740	106		27	5
	62	00	4290	45		24	
	62	00	4290	31		16	
	62	00	7040	209		84	
	62	00	38589	841		591	54
	62	00	12383	320		248	5

눈다랭이 BET	가다랭이 *SKJ	황 새 치 SWO	녹 새 치 BUM	백 새 치 WHM	청 새 치 STM	돛 새 치 SAI	기 타 Others
11							3
							3
140	13						53
118	13	2					39
20			1				6
42			2				6
90	13		5				25
103	5		2				6
766	13	5	26		4		143
809	79	14	18		10		132
7			1				6
287	13	3	10		4		93
374		2	12		6		93
1	1						3
164			2			3	3
125			3			3	3
			14			407	6
214							14
105			1				3
639	13		6			6	45
335	26		9			6	37
319	5	2	10			3	25
280	13	3	14			3	31
33	13	2	2			3	17
			1			302	
			5			1598	25
33			1				
90			1				3
247	13		2				45
131			1				6
57			3				14
15			1			3	2
4			5			3	3
94	13		1				17
107	26		5			16	42
46	13	2	5				1

월 Month.	해역 Area		낚시수 No. of hooks	계 Total	참다랭이 BFT	황다랭이 YFT	날개다랭이 ALB
	위도 Lat.	경도 Long.					
5	62	05	160	37760	1089	705	59
	62	05	165	80150	2678	1528	429
	62	05	170	21708	7691	4198	1383
	62	05	175	41006	979	321	257
	62	25	175	62160	1491	510	767
	63	00	145	16430	343	78	
	63	00	155	16590	259	76	5
	63	00	165	15060	190	49	16
	63	00	170	66944	1131	599	27
	63	00	175	29713	392	157	48
	63	05	145	2350	52	16	
	63	05	170	45592	484	221	59
	63	05	175	7634	69	38	
	64	00	080	4600	175	1	
	64	00	135	23365	503	175	
	64	00	140	16875	322	86	161
	64	00	145	22190	571	67	
	64	00	150	8400	155	38	
	64	00	155	34870	736	151	
	64	00	160	27647	490	86	
	64	00	165	8592	207	32	5
	64	00	170	18115	243	113	5
	64	00	175	33791	424	197	48
	64	05	090	6750	407		
	64	05	150	6150	74	16	5
	64	05	155	3080	56	5	
	64	05	160	3050	29	11	2
	64	10	090	17630	834		
	64	10	095	4450	222		
6	61	00	150	2210	40	8	
	61	00	155	2340	34	3	
	61	00	160	57920	858	319	38
	61	00	165	34530	423	84	27
	61	00	170	4680	88	43	
	62	00	160	12160	395	246	2
	62	00	165	12500	341	119	2
	62	00	175	2340	87	43	

다랭이 BET	가다랭이 SKJ	황 새 치 SWO	녹 새 치 BUM	백 새 치 WIM	청 새 치 STM	돛 새 치 SAI	기 타 Others
280			14				31
560	26		17			51	67
1500	93		34			73	410
295	13	6	8			51	28
197			8			6	3
230			1				34
162	2					3	11
101	13		5			3	3
459	2	2	2			1	39
120	40	2	2			3	20
33							3
96	5	3	5			13	82
15		5					11
		2	3			168	1
175	13	5	11			3	121
	3	3	1			1	67
442			28				34
116							1
547	13	2	3			6	14
378	13	3	1			3	6
142	13		1				14
94	6	2	6				17
122	26		6				25
		8	2			397	
46	1						6
48							3
13							3
		2	1			817	14
		6				210	6
20	3	3					6
9	13	2	1				6
431			17		11		42
258	6		2		1	3	42
13	13	2					17
90			15		22		20
149	13				4	6	48
20	4						20

월 Month.	해역 Area		낚시수 No. of hooks	계 Total	참다랭이 BFT	황다랭이 YFT	날개다랭이 ALB
	위도 Lat.	경도 Long.					
6	62 05	160	66432	1639		918	38
	62 05	165	61080	2299		810	820
	62 05	170	72900	2283		607	815
	62 05	175	7620	258		51	59
	62 25	175	25140	405		184	150
	63 00	140	2240	18		3	
	63 00	145	23980	404		103	
	63 00	150	2320	13		5	
	63 00	155	7950	127		22	
	63 00	160	35424	689		281	5
	63 00	165	13512	370		240	54
	63 00	170	11075	229		165	
	63 05	155	6960	315		238	21
	63 05	160	5570	69		19	21
	63 05	165	9515	355		111	188
	63 05	170	28720	735		486	5
	63 05	175	11320	190		92	21
	63 10	170	9450	93		46	
	63 10	175	2350	29		22	
	64 00	125	50570	1003		143	
	64 00	130	9990	97		27	
	64 00	135	16465	228		62	
	64 00	140	4630	54		5	
	64 00	150	8260	145		35	
	64 00	155	82058	1763		567	2
	64 00	160	67089	1400		499	5
	64 00	165	33060	954		505	1
	64 05	090	24720	536		5	
	64 05	150	3184	56		30	
	64 05	155	8120	108		13	
	64 10	090	19450	608			
	64 10	095	7244	221			
7	61 00	160	3040	48		22	
	61 00	165	10550	124		49	1
	62 00	165	5770	140		62	5
	62 05	165	13900	764		124	247

눈다랭이 BET	가나랭이 *SKJ	황새치 SWO	녹새치 BUM	백새치 WHM	청새치 STM	돈새치 SAI	기타 Others
497	13	2	17		20	13	121
573	26	8	10		5	13	34
556	172	3	11		4	3	112
68	53		1		1		25
59			6			6	
15							
247			14		6		34
4					1		3
61	13	2			1		28
341	26	2	1		2	6	25
57	2		1		2	6	8
42		2			2	1	17
37			1		1		17
24			1		1		3
37			1		1	16	1
168		5			4		67
52		2	5		4		14
39							8
4							3
564	13	29	19		4	3	228
26		3	1		1		39
74	2	11	5		1		73
46							3
109			1				
1026	66	8	5		4	3	82
704	79	38	9		1	3	62
276	53	6	12				101
			1		6	518	6
20							6
92							3
						594	14
		6	3		2	210	
15			3		2		6
37	4				2	3	28
24	3				4	3	39
359		2	1			6	25

월 Month.	해역 Area		낚시수 No. of hooks	계 Total	참다랭이 BFT	와다랭이 IPT	날개다랭이 ALLB
	위도 Lat.	경도 Long.					
7	62 05	170	9900	201		40	97
	62 05	175	9900	265		54	102
	62 20	175	18460	278		30	209
	62 25	175	10690	257		97	134
	63 00	155	3000	47		13	
	63 00	160	24161	502		219	43
	63 00	165	64047	1282		540	43
	63 00	170	80710	1695		999	145
	63 00	175	13220	203		97	
	63 05	160	19929	566		259	166
	63 05	165	29930	953		448	193
	63 05	170	14930	340		175	86
	63 05	175	26745	625		221	193
	63 10	175	14060	297		51	166
	63 20	170	42494	1420		143	1072
	63 20	175	9045	284		40	204
	63 25	165	13659	458		11	429
	63 25	170	60593	1778		211	1416
	63 25	175	99590	3181		783	2097
	63 30	175	2700	84		65	16
	64 00	125	33615	712		111	
	64 00	130	16725	84		1	
	64 00	150	5320	166		65	
	64 00	155	112932	2335		1048	
	64 00	160	81023	1882		1042	
	64 00	165	56368	753		335	2
	64 00	170	36700	633		240	2
	64 00	175	36065	732		354	5
	64 05	090	13350	544			
	64 05	120	9990	182		22	
	64 05	125	23715	677		154	
	64 05	130	6840	125		32	
	64 05	150	2800	12		8	
	64 05	155	13130	173		62	
	64 05	160	9196	86		40	

눈다랭이 BBT	가나랭이 SKJ	황새치 SWC	녹새치 JIM	백새치 W:BM	흰새치 STM	돛새치 SAI	기 타 Others
50	5	2	3		1	3	
90	6	2	1		1	3	6
7	13		3		2		14
11	2		1		1		11
20							14
164	53	2	3		2	10	6
424	93	14	6		4	6	152
247	132	14	14		6		138
79	13						14
68	26		5		1	35	6
251	26		5		2	22	6
61	13				1	1	3
192					1	1	17
52							28
50	40	5	5		1	3	101
31	1						8
4	4				2		8
55	26	2	2		4		62
125	53	14	10		9		90
							3
444	6	15	10		4	1	121
42		3	5		1	1	31
98	2					1	
943	66	24	17		1	3	233
698	53	2	24		4	3	56
252	40	15	11				98
311	26	5	18				31
230	40	5	18		4		76
			6		1	534	3
114		9	5		4		28
398	4	17	8		6		90
63	1		3			1	25
4							
103		2	3				3
42			1			3	

월 Month.	해역 Area		낚시수 No. of hooks	계 Total	참다랭이 BFT	황다랭이 YFT	날개다랭이 ALB
	위도 Lat.	경도 Long.					
7	64 10	090	20250	767		1	
8	61 00	165	5810	118		54	1
	61 00	175	3100	24		13	
	61 05	165	2800	61		30	5
	62 20	175	3514	55		5	38
	62 25	175	112130	5366		111	4847
	63 00	150	16855	248		59	1
	63 00	155	153275	2178		794	38
	63 00	160	96645	1478		599	38
	63 00	165	60225	1105		364	16
	63 00	170	16350	333		159	1
	63 00	175	12040	305		151	
	63 05	140	19886	827		575	
	63 05	145	3221	72		13	21
	63 05	155	13800	211		89	
	63 05	160	34785	734		321	188
	63 05	165	2210	11			
	63 05	170	56650	823		321	1
	63 05	175	26610	578		194	123
	63 10	135	4934	66		8	5
	63 10	155	4120	116		8	38
	63 10	160	16000	525		24	257
	63 15	165	8100	172		27	134
	63 15	170	4351	72		8	38
	63 15	175	11312	169		27	123
	63 20	155	5400	104		13	86
	63 20	160	24483	694		57	597
	63 20	165	17180	352		78	252
	63 20	170	9327	148		40	97
	63 20	175	69609	2527		310	2059
	63 25	140	5168	55		3	48
	63 25	145	2084	49		1	48
	63 25	150	22072	649		46	579
	63 25	155	50747	1089		151	858
	63 25	160	9658	178		19	118
	63 25	165	13251	393		16	338

문다랭이 BET	가나랭이 •SKJ	황새치 SWO	녹새치 BUM	백새치 WHM	청새치 STM	돛새치 SAI	기 타 Others
		2	6		6	750	
31	3		1				28
11							
11	3		1				11
4							8
173	26		3			6	200
149							39
868	5		17			1	455
601	13		8			3	216
396	93		1			10	225
57	66		5			3	42
79	13		6				56
179	3		5			3	62
24							14
74							48
149	13		9			3	51
							11
448							53
225	13					3	20
33	2		1				17
57	6		1				6
199	26		2				17
4			1				6
1							25
17			1				1
2							3
13			2				25
13			1				8
4	1						6
85	3		5				65
1							3
11			7				6
31			1			3	45
7						3	31
15	3		3			1	17

월 Month.	해역 Area		낚시수 No. of hooks	계 Total	참다랭이 JFT	화다랭이 JFT	남개다랭이 ALT
	위도 Lat.	경도 Long.					
8	63	25	170	74781	2413	140	2139
	63	25	175	387114	15730	810	13528
	63	25	180	2350	30	3	27
	63	35	160	2430	56	5	43
	64	00	095	5113	141		
	64	00	100	27190	749	16	
	64	00	105	3175	61	3	
	64	00	110	6840	143	5	
	64	00	145	15000	151	89	
	64	00	150	23640	315	135	
	64	00	155	166868	2823	1269	5
	64	00	160	34201	517	159	
	64	00	165	35200	605	165	
	64	00	170	9780	182	67	5
	64	00	175	9000	133	94	
	64	05	080	4040	259		
	64	05	090	42540	1679	8	
	64	05	100	9975	132	1	
	64	05	105	10100	173	3	
	64	05	115	5700	90	3	
	64	05	120	9650	88	8	
	64	05	155	2660	47	24	
	64	05	160	5320	136	108	
	64	05	165	11600	152	46	24
	64	10	155	3150	27	1	
	64	10	165	1806	3		
	64	10	170	4399	27		
9	62	05	170	4260	79	5	38
	62	10	150	10712	266	35	193
	62	10	170	1775	16	3	11
	62	15	160	1698	24	1	11
	62	15	170	12574	670	100	466
	62	15	175	27348	517	59	322
	62	20	165	3542	89	24	54
	62	20	170	61743	376	121	75
	62	20	175	29693	631	86	386
	62	25	175	12414	377	24	290

눈다랭이 BET	가다랭이 SKJ	황새치 SWO	녹새치 BUM	백새치 WHM	청새치 STM	돛새치 SAI	기 타 Others
52	1		2				79
735	53		44			29	531
2						3	3
							31
107	1		2				185
531	5		11			1	22
33						3	45
90	2		1				3
59							20
160							177
1308	26		32			6	39
293	13		10			3	208
217	13		1			1	6
24							6
33							
			7			238	14
			23			1611	37
92			5			1	53
96			1				73
39			5			1	42
28	1		3				48
17	6						
20	5		2			1	
63	13						6
22			1			3	
							3
26							1
35			1				
15	13	2	1		4		3
2							
							11
1							42
42	13	2			5		42
57	13	6	1		4	13	
4			1		6		
61	13	6	6		5	13	76
28	13	6	1		1	6	104
52	2	2			1	3	3

월 Month.	해역 Area		낚시수 No. of hooks	계 Total	참다랭이 BFT	황다랭이 YFT	날개다랭이 ALB
	위도 Lat.	경도 Long.					
9	63 00	130	6280	42		11	
	63 00	140	22811	261		13	
	63 00	145	14665	288		76	
	63 00	150	64384	939		402	5
	63 00	155	82249	1397		402	59
	63 00	160	183449	2992		769	434
	63 00	165	78605	1319		651	64
	63 00	170	118831	2250		1045	43
	63 00	175	15915	398		259	2
	63 05	135	11636	182		24	
	63 05	140	2700	53		11	16
	63 05	145	5250	73		11	5
	63 05	150	8208	134		38	11
	63 05	155	56168	878		105	209
	63 05	160	78215	1200		224	413
	63 05	165	50440	1077		454	166
	63 05	170	52700	374		130	54
	63 05	175	7000	61		22	5
	63 10	140	126040	4299		742	2075
	63 10	145	112030	3158		402	1737
	63 10	150	28405	801		119	413
	63 10	155	13480	396		30	177
	63 10	160	2450	109		30	32
	63 10	165	5026	111		8	64
	63 10	170	6400	180		22	48
	63 10	175	1840	49		5	21
	63 15	140	23223	568		86	391
	63 15	145	11200	278		51	204
	63 15	150	9082	172		30	54
	63 15	155	2500	64		1	43
	63 15	160	2550	48		13	16
	63 15	170	27555	456		81	290
	63 15	175	71780	1433		140	1040
	63 20	145	8400	177		13	150
	63 20	150	18762	369		46	273
	63 20	155	2160	28		1	16
	63 20	160	1800	14		5	2
	63 20	170	13740	222		94	102
	63 20	175	94908	1747		319	1142
	63 25	150	8400	174		30	118
	63 25	155	24977	581		54	477

눈다랭이 BET	가다랭이 SKJ	황새치 SWO	녹새치 BUM	백새치 WHM	청새치 STM	돛새치 SAI	기 타 Others
15		2					14
171	13	2	2		1		59
149	13	6	1		1		42
335	13	42	5		2		135
626	13	70	9		4		214
1203	40	165	20		4	3	354
444	26	2	12		21	3	96
556	79	15	50		12	3	447
94	13		1		9		20
114	4	2	1				37
26							
55			1		1		
68			3				14
512	4	3	2		1	3	39
468	3	23	12		1	3	53
273	13	9	6		1		155
94		14	23				59
31		2	1				
1166	26	27	18		48	3	194
787	66	8	32		47	6	73
184	13	3	9		6	6	48
103	3	2	5		4	10	62
42	1				1		3
35		2			2		
52			2				56
2	1						20
48		3	3		9	3	25
13		8			1	1	
48		3			15		22
13					1	3	3
11	1		1			3	3
63	1				1	3	17
114	4	2	2		4	3	124
2		8				1	3
22		12	1		9		6
							11
					4		3
4		2	5		7		8
114	3	8	29		4	10	118
13		11	1			1	
15		12	1		2	3	17

월 Month.	해역 Area		낚시수 No. of hooks	계 Total	참다랭이 LFT	완다랭이 YFT	날개다랭이 ALB
	위도 Lat.	경도 Long.					
9	63 25	165	4630	31		5	21
	63 25	170	2870	43		3	38
	63 25	175	27058	465		24	391
	64 00	165	3400	56			
	64 00	170	5500	89		8	
	64 0	175	45857	633		232	
	64 05	160	70411	756		543	2
	64 00	165	39387	578		559	5
	64 00	170	32585	470		265	1
	64 00	175	24540	398		289	
	64 05	165	13500	410			
	64 05	170	5400	82		27	
	64 05	175	18450	401		241	
	64 05	180	18060	523		366	5
	64 05	175	17550	408		235	
	64 10	160	6880	294			
	64 10	165	7105	310		24	129
	64 10	170	29279	621		130	488
	64 10	175	8600	15		67	2
10	61 00	170	2310	22		5	
	61 00	175	4620	31		1	
	61 25	160	2795	37		3	16
	61 30	170	1900	39			27
	61 30	175	2400	10		5	1
	62 00	155	10280	332		221	
	62 05	145	3200	35		22	11
	62 05	155	9360	132		73	
	62 05	160	6930	177		43	11
	62 05	165	4620	67		16	1
	62 05	175	6088	155		65	48
	62 10	145	38420	883		516	
	62 10	170	13647	208		11	
	62 10	175	19672	330		32	
	62 10	180	1800	24		11	
	62 15	145	16390	497		335	
	62 15	150	11150	292		119	

눈나랭이 BET	가나랭이 SKJ	환 새 치 SWO	녹 새 치 BUM	백 새 치 WHM	황 새 치 STM	돛 새 치 SAI	기 타 Others
4			1				
2							
44					1		3
37		2	3		2	3	11
7	2	5					17
219	26	41	5			3	107
282	53	5	17			6	28
166	13	2	8		1	3	22
171	13	3	7		1	1	84
133	40	2	3			3	28
			12		5	384	6
22	13	8					22
149	4				4	2	3
107	13		7			3	42
157	1				4	3	8
			5		4	254	31
52			2				3
129	40	5	12				17
20					1		3
2	3		1				11
11	2	2	3				3
13			1		4		
9							3
4							
50	26	2	1		1		31
		2					
22	13				2		22
37	26	2	5				53
11	13		1				25
39			3				
22	26	5	3		1		20
70			3				6
52	5		3		1		6
2							
7		2	1		1		6
4	40	2			1		8

월 Month.	해역 Area		낚시수 No. of hooks	계 Total	참다랭이 BFT	황다랭이 YFT	날개다랭이 ALB
	위도 Lat.	경도 Long.					
10	62 15	165	5670	171		13	123
	62 15	170	36661	841		78	547
	62 15	175	26158	374		62	263
	63 00	135	38525	409		116	
	63 00	140	6028	78		5	
	63 00	145	37789	729		232	1
	63 00	150	125612	1706		756	54
	63 00	155	121079	2096		688	54
	63 00	160	30303	274		170	43
	63 00	165	24320	254		130	5
	63 00	170	17670	309		151	16
	63 00	175	10600	187		84	
	63 05	135	6000	43		3	
	63 05	140	16196	111		27	5
	63 05	145	91860	1605		329	349
	63 05	150	65022	1255		370	225
	63 05	155	39705	792		262	129
	63 05	160	8090	149		24	59
	63 05	165	46485	853		113	375
	63 05	170	46338	752		138	257
	63 05	175	100367	1923		370	874
	63 10	130	33057	538		30	327
	63 10	135	107144	2209		270	1716
	63 10	140	146727	3230		921	1008
	63 10	145	41185	1577		186	660
	63 10	150	84016	2570		359	1491
	63 10	155	45105	1164		84	783
	63 10	160	9080	195		22	102
	63 10	165	29420	405		40	284
	63 10	170	33000	542		38	359
	63 10	175	86943	1489		111	1003
	63 15	125	9250	172		11	113
	63 15	130	9147	95		11	38
	63 15	135	76864	1715		148	1169
	63 15	140	31636	816		89	483
	63 15	165	5781	131		11	91
	63 15	170	55932	936		89	751
	63 15	175	89298	1369		157	890
	63 20	125	23367	459		46	161
	63 20	130	5302	49		5	11
	63 20	170	11750	95		27	64

눈다랭이 BET	가다랭이 *SKJ	황새치 SWO	늑새치 BUM	백새치 WHM	청새치 STM	돛새치 SAI	기타 Others
9		2			1	3	20
28	13	6	10		2	19	138
26	13		1		1		8
232	4	6	3			6	42
46	4	2	1			3	17
361	13	26	5		1		90
818	13	3	1		2	3	56
1194	79	2	3		5	6	65
22	3	2	2		1		31
83	1	8	5				22
118		5			5		14
44	26	3	5				25
37							3
44		3	1				31
853	13	3	2		2	1	53
582	13	2	9		2	1	51
339	13	2	5			3	39
35	13		1				17
249	13	20	3		4		76
262	4	21			4	1	65
595	4		6		5	13	56
149	5	3	8		2		14
48	53	8	5		9	13	87
1129	53	8	1		1	16	93
643	3	6	6		5	3	65
608	13	11	5		6	10	67
223	13		3		4	3	51
70			1				
55		2	5		5		14
101	13	5	5		1	6	14
256	13	5	5		4	16	76
39			5		1		3
35	3	3			1	1	3
322	13	3	8		4	6	42
42	13	18	1		4	3	163
9		2	1				17
70	3	3	5		4		11
221	26	3	2		4	13	53
103	6	5	6		4	13	115
26		2	1		4		
2					2		

월 Month.	해역 Area		낚시수 No. of hooks	계 Total	참다랭이 BFT	황다랭이 YFT	날개다랭이 ALLB
	위도 Lat.	경도 Long.					
10	63	20	7960	263		13	198
	63	25	7080	154		22	91
	64	00	17710	344		189	5
	64	00	8890	100		35	11
	64	00	2050	35		30	
	64	00	25915	557		292	2
	64	05	4250	60			
	64	05	45450	1397		3	
	64	05	21070	139		43	2
	64	10	23230	1130		1	
	64	25	7909	33		1	16
	64	25	7700	23		19	1
	64	25	2500	10		5	1
	64	30	5590	220			209
11	61	00	8775	126		105	1
	61	00	18275	476		181	64
	61	00	7850	167		92	
	61	05	2500	42		24	
	61	05	22265	445		273	
	61	10	9900	249		67	16
	62	00	7800	242		148	
	62	00	8775	153		116	
	62	05	8900	86		62	1
	62	05	2925	37		13	5
	62	10	19560	157		113	2
	62	10	41800	473		135	118
	62	10	13350	223		148	59
	62	15	3200	57		19	5
	62	15	12150	110		73	5
	62	15	9300	103		59	32
	62	15	24960	627		78	418
	62	15	45040	970		54	756

눈대랭이 BET	가나랭이 •SKJ	황새치 SWO	늑새치 BUM	백새치 WHM	청새치 STM	늑새치 SAI	기타 Others
20			5		5		22
15			1				25
79	26	2	1		4	1	37
39	5		1			1	8
2	1		1			1	
162	40		9		1		51
			1		1	57	1
		5	6			1363	20
94							
	4	3	4			1042	76
11			2				3
			2				1
2		2					
4			1				6
15	2	2	1				
210	2		5				14
57			2		2		14
11			1				6
127	6		8				31
136		2	3		5		20
31	13	2	3				45
26	4		3			1	3
11			10		2		
13			3		2		1
26		2			2	1	11
195		5	1		1	10	8
4	1	3					8
	13						20
		2	10				20
1		2	1				8
44	13	2	15		1	19	37
37	13	3	11		1	22	73

월 Month.	해역 Area		낚시수 No. of hooks	계 Total	참다랭이 BFT	황다랭이 YFT	날개다랭이 ALB
	위도 Lat.	경도 Long.					
11	62	20	165	2900		5	48
	62	20	170	9780		5	80
	62	20	175	6000		8	43
	63	00	135	18000		54	
	63	00	140	17112		65	2
	63	00	145	22454		97	
	63	00	150	45284		254	2
	63	00	155	70118		286	11
	63	00	160	28400		148	64
	63	00	165	23709		159	5
	63	00	170	17993		92	16
	63	00	175	8490		78	
	63	05	140	32278		400	27
	63	05	145	46328		186	54
	63	05	150	76585		432	166
	63	05	155	110303		381	306
	63	05	160	37177		100	107
	63	05	165	14803		24	64
	63	05	170	6000		19	48
	63	05	175	12403		22	91
	63	10	130	2850		8	
	63	10	135	66420		248	113
	63	10	140	122676		491	134
	63	10	145	58929		170	284
	63	10	150	93936		513	1180
	63	10	155	46531		78	654
	63	10	160	39110		40	429
	63	10	165	19212		27	247
	63	10	170	31615		35	558
	63	10	175	2030		1	27
	63	15	120	59855		184	1255
	63	15	125	21030		46	718
	63	15	130	65420		59	1314
	63	15	135	66417		97	1571
	63	15	140	20050		24	558
	63	15	145	58507		184	1346
	63	15	150	109617		202	2515
	63	15	155	47684		27	1576
	63	15	160	3471		8	107
	63	15	165	16800		8	365
	63	15	170	50728		92	1319
	63	15	175	82098		189	783

눈나랭이 BET	가나랭이 *SKJ	황새치 SWO	녹새치 BUM	백새치 WHM	청새치 STM	돛새치 SAI	기 타 Others
4	4	2	1			3	22
7	2						3
219							14
90			2				48
238	1	8	5		1		37
287	13	5	10			6	22
283	53	5	11			3	17
79	13	3	8			3	14
164	13	5	5			3	17
85		3			4		11
70	13	3	2			3	31
374	3	2	2		4		79
409	13	5	5		1	1	34
836	13	9	17			1	39
564	5	8	15		2	3	96
59			1		5		3
31			1		1		
7							
63					4		3
7							6
534	13	5	1		1	1	51
1218	13	5	15		2	3	141
525	6	5	6		1	3	25
634	2	5	5		2	3	112
98	4		2		2		37
103			10		4	1	1
98	1	3	7		1	1	20
92	13	5	1		1	10	22
1							
142	5		29		4	6	194
52		2	11			13	56
122	13	5	9		4		31
94	26	2	9		2	32	82
55		11	2		1	1	6
184	13	6	1		6	6	90
171	13	3	3		6	3	214
31	2		15		6		37
	2						
31			1				62
61			3		4		152
260	13	5	8		4	22	34

월 Month.	해역 Area		낚시수 No. of hooks	계 Total	참다랭이 BFT	황다랭이 YFT	날개다랭이 ALB
	위도 Lat.	경도 Long.					
11	63	15	180	1800		1	5
	63	20	115	12750	391	5	316
	63	20	120	12450	384	8	284
	63	20	125	6480	84	3	16
	63	20	130	7025	262	8	204
	63	20	135	19162	600	19	483
	63	20	150	1650	74		59
	63	20	165	3962	89	8	64
	63	20	170	10647	158	8	123
	63	25	145	1710	29		27
	63	25	170	2100	19	5	11
	63	25	175	2100	21	5	11
	64	00	155	8510	103	24	1
	64	00	160	27553	525	227	5
	64	00	165	5670	46	24	1
	64	05	155	17220	337	103	27
	64	05	160	5901	116	65	1
	64	05	175	12132	474	243	214
	64	10	090	33425	1828	5	
	64	25	050	10290	122	11	48
	64	25	155	1920	35	19	16
	64	30	150	35840	1937	1	1812
	64	30	155	18514	1558		1491
	64	30	160	2610	66		59
	64	35	155	11450	693		660
12	61	00	165	22917	675	445	80
	61	00	170	21845	884	659	54
	61	10	160	2280	66	46	5
	62	00	155	5742	134	81	
	62	00	160	12927	208	89	
	62	00	165	42092	1910	1485	5
	62	00	170	11440	333	227	48
	62	05	160	14431	270	111	

다랭이 BET	가다랭이 *SKJ	황새치 SWO	녹새치 BUM	백새치 WHM	청새치 STM	돛새치 SAI	기 타 Others
4	1						
39		5	14		1		11
52	2	3	11		4		20
46			6		2		11
17	3	2			2	6	20
31	13	2	10		4	16	27
	1						14
4					2		11
4		5			1		17
2							
1		2					
2							3
44	2	2	5				25
199	13	3	3		1	1	73
4	13	2	1			1	
122	13	3	1			3	65
33			1		1	1	14
	4				2		11
	2	3	26		7	1659	126
44	3		1		1		14
79		6	1		4		34
48		3			2		14
2		2					3
20		3			2		8
94	13	2	3		1	3	34
140	5	2	5		2		17
9	1	2	3				
22	1		1		1	6	22
44	5	2	2		4	6	56
302	13	2	9		4	3	87
22	13		5		1		17
90	13	2	5		2	10	37

월 Month.	해역 Area		낚시수 No. of hooks	계 Total	참다랭이 BFT	화나랭이 YFT	날개다랭이 ALB
	위도 Lat.	경도 Long.					
12	62	10	150	38175		165	32
	62	15	170	18000		13	172
	62	15	175	28000		46	381
	62	20	165	23200		27	290
	62	20	170	23800		35	279
	62	20	175	30780		27	327
	63	00	140	11824		84	48
	63	00	145	11660		38	1
	63	00	150	7961		22	
	63	00	155	35301		108	2
	63	00	165	4654		30	27
	63	00	170	10900		97	11
	63	00	175	2800		22	
	63	05	125	5850		11	
	63	05	130	2990		5	
	63	05	140	12974		59	2
	63	05	145	43140		238	64
	63	05	150	17313		138	43
	63	05	155	10843		59	1
	63	05	160	25257		73	177
	63	05	175	2160		30	32
	63	10	130	34645		84	1
	63	10	135	39165		124	70
	63	10	140	73750		194	113
	63	10	145	54376		167	188
	63	10	150	40383		135	295
	63	10	155	27482		92	139
	63	10	160	15804		13	295
	63	10	170	1886		3	21
	63	10	175	11675		124	75
	63	15	120	30918		30	638
	63	15	125	24170		5	622
	63	15	130	10960		11	279
	63	15	135	57991		43	1083
	63	15	140	69903		59	1217
	63	15	145	64390		54	842
	63	15	150	121337		130	1861
	63	15	155	75635		94	1110
	63	15	160	48589		49	965

다랭이 BET	가다랭이 SKJ	황새치 SWO	녹새치 BUM	백새치 WHM	청새치 STM	돛새치 SAI	기타 Others
164		3			4		11
11	3	2	2		1		17
11	13	2	7		2	6	67
48	13	2	14		1	3	14
26	13	2	1		1	3	17
13	13	2	1		1	3	31
105	4	2	3			1	37
101	3		3			1	14
24	2		5		4		18
157	13	2	2			3	22
11	13	2	1		1		1
22			1		1		11
9		3					6
107	5					5	
42			1				1
79			2				6
398	13	2	8				17
114	13	2	2				39
77	4	2	1				17
105	1	3	8				
48	1					3	6
341		5	2		4		6
416	3	3	1		2	3	87
632	4	2	16				31
601		2	2		1	3	20
168		3	1		4	6	45
103	13	2			4		11
42							1
1	3				1	1	8
9			2			6	14
90	2	5	5		2		42
31	13		7		1	3	96
42	2	5			4	13	155
59	13	5	6		1	13	101
57	4	2	5		4	10	51
68	13	2			1	3	17
129	13	2	6		2		53
164	13	3	24			1	25
39	26	5	3			3	28

월 Month.	해역 Area		낚시수 No. of hooks	계 Total	참다랭이 BFT	황다랭이 YFT	날개다랭이 ALB
	위도 Lat.	경도 Long.					
12	63	15	67044	1493		124	1121
	63	15	22251	655		35	552
	63	15	27441	551		76	386
	63	20					
	63	20	5252	1080		5	922
	63	20	8580	301		5	198
	63	20	28244	978		11	885
	63	20	24565	541		19	483
	63	20	26395	622		22	493
	63	20	13700	369		16	338
	63	20	33715	926		13	836
	63	20	4558	57		3	48
	63	20	1814	40			38
	63	20	15350	315		13	268
	63	20	32752	959		38	777
	64	00	5408	41		5	
	64	00	23116	482		81	
	64	00	13500	228		96	
	64	00	21350	338		154	86
	64	00	81820	1924		1118	2
	64	00	116624	4148		2891	5
	64	00	36300	955		694	21
	64	05	10000	353		5	
	64	05	5550	44		3	
	64	05	52290	1368		988	1
	64	05	77158	2609		1706	
	64	05	41532	1255		721	1
	64	10	23455	1271		8	
	64	10	2500	21		3	
	64	10	2400	11		1	
	64	20					
	64	20	2365	53		16	27
	64	20	6045	83		38	27
	64	25	24670	520		13	354
	64	25	8428	116			70
	64	25	2120	69			43
	64	30	15890	1000			938
	64	30	35912	1426			1319
	64	30	8524	324			300
	64	35	2416	128			118

눈다랭이 BET	가다랭이 *SKJ	황새치 SWO	녹새치 BUM	백새치 WHM	청새치 STM	돛새치 SAI	기 타 Others
90	26	5	12		1	10	104
24			3		4		37
48	1	3	5		1	6	25
96		5	34		4		14
15		6	1		1	10	65
42	13	3	3		4		17
1.	6		1		1	3	17
22	13	3	2		2	6	59
11					1		3
11	1		1		2		62
4					2		
1					1		
15			3		2		14
44		8	5				87
33		2	1				
282		2	1		1		115
136							6
74	13	3			1	1	6
698	53		21		4		28
166	13	2	29		5	3	34
199	13	3	10		1		14
	2		1		9	305	31
37		2	1		1		
324	26		8		1	3	17
814	26	2	21		2	1	37
488	13	3	5		2		22
	6		7		5	1169	76
17			1				
9							1
1	5				1		3
11		3			1		3
105	13	2			2		31
42		2	1		1		
26							
39		3			6		14
66			7		6		28
9			11		4		
2					2		6



1977

월 Month.	해역 Area		낚시수 No. of hooks	계 Total	참다랭이 BFT	황다랭이 YFT	날개다랭이 ALB
	위도 Lat.	경도 Long.					
1	61 00	155	5534	57		22	
	61 00	160	35181	845		386	
	61 00	165	103449	2553		1514	42
	61 00	170	55619	1562		937	54
	61 00	175	352651	12728		7885	2712
	61 05	150	5250	148		7	112
	61 05	160	11520	253		86	7
	61 05	165	8708	173		47	28
	61 05	170	8030	157		72	2
	61 05	175	198480	4825		3095	84
	61 10	145	20790	633		29	456
	61 10	150	7700	286		11	2311
	62 00	150	6171	71		43	
	62 00	155	52390	966		490	
	62 00	160	24767	557		281	
	62 00	165	7740	83		22	
	62 00	170	4800	136		22	49
	62 00	175	29164	678		407	31
	62 05	160	1905	10		7	
	62 05	170	26900	531		94	245
	62 15	170	2900	21		4	141
	62 20	165	5800	117		18	77
	63 00	135	4400	35		7	
	63 00	140	31350	549		68	
	63 00	145	15518	290		47	
	63 00	155	7396	145		76	
	63 00	160	13316	161		65	
	63 00	170	47661	649		119	154
	63 00	175	34855	743		400	14
	63 05	130	85475	1229		166	1
	63 05	135	95240	1953		238	7
	63 05	140	29743	423		83	14
	63 05	145	30125	594		108	231
	63 05	150	13237	289		123	42
	63 05	155	42142	1111		184	357
	63 05	165	26600	301		50	84

눈다랭이 BET	가다랭이 SKJ	황새치 SWO	녹새치 BUM	정새치 STM	백새치 WHM	돛새치 SAI	기타 Others
24			1				9
297	9		8	3			139
853	17	5	18			10	94
511	9	3	12	3			31
2024	17	3	44	5		16	22
15			1				13
127			2				31
85							13
45			2				36
1564	17	7	38	8		3	9
82	9	2	1	5			49
18	9	2		2			13
9			1				18
427	17	2	7	10		13	
121	9		2	3		16	125
39			1	3			18
61							4
109		2	5				152
3							
145			2	5			40
3							
9				2		1	10
15							13
436	9	2	1	2			31
206	9		1				27
21	17						31
57	9		2			1	27
209	9		1				157
188	9		7				125
923	17	2	5			3	112
1443	34	2	9			10	210
242	17		4				63
188		2	4			7	54
82			2				40
375	9		4			3	179
82	9	2	2				72

월 Month.	해역 Area		낚시수 No. of hooks	계 Total	참다랭이 BFT	황다랭이 YFT	날개다랭이 ALB
	위도 Lat.	경도 Long.					
	63 05	170	38507	587		155	154
	63 05	175	43411	768		220	140
	63 10	130	68153	1187		105	294
	63 10	135	92465	1594		169	147
	63 10	140	59222	1094		101	427
	63 10	145	16431	316		65	98
	63 10	150	63504	1646		555	287
	63 10	155	21901	417		43	175
	63 10	160	4750	70		4	14
	63 10	165	6401	79		4	21
	63 10	170	4680	80		11	21
	63 10	175	45285	906		180	561
	63 15	125	3700	51			35
	63 15	130	41920	1133		25	932
	63 15	135	47844	683		50	540
	63 15	140	42640	949		259	477
	63 15	145	13305	263		11	175
	63 15	150	20927	393		18	308
	63 15	155	31025	509		32	364
	63 15	160	24102	432		7	364
	63 15	165	17800	416		18	301
	63 15	170	10150	210		14	161
	63 15	175	53007	721		108	441
	63 20	130	3700	62		4	49
	63 20	135	10576	213		4	161
	63 20	140	16398	503		97	273
	63 20	150	32250	822		7	694
	63 20	155	36000	657		11	547
	63 20	160	1573	42			42
	63 20	165	20974	252		14	176
	63 20	170	4300	19		4	14
	64 00	145	2000	12			
	64 00	150	50363	592		108	
	64 00	155	48867	437		195	
	64 00	160	63566	1048		368	
	64 00	165	15110	264		101	7
	64 00	170	63182	1607		980	7

눈다랭이 BET	가다랭이 SKJ	황 새 치 SWO	녹 새 치 BUM	성 새 치 STM	백 새 치 WHM	돛 새 치 SAI	기 타 Others
151	9		5	3		3	107
306			2	2			98
705		2	5				76
1126		2	4	3			143
496	9	2	1	3		1	54
88		2		2		3	58
424		3	12	5		7	353
175			1	2		3	18
48							4
36							18
48							
82			1	3		7	72
12							4
130				7		3	36
70			1				22
94		2	2			3	112
36	9		1				31
48			1				18
33	9	2	6				63
21	9		2	2			27
12	9		1	3			72
3			1				31
57	9		2	3		7	94
9							
18			4	3		1	22
76	9					3	45
64			5	7			45
15			17				67
9			2				31
1							
12							
496	9	2	1				76
163		2	2			3	72
496		7	6			1	170
109	9		2				36
293	17	2	5			3	300

월 Month.	해역 Area		낚시수 No. of hooks	계 Total	참다랭이 BFT	황다랭이 YFT	날개다랭이 ALB
	위도 Lat.	경도 Long.					
2	64 00	175	268949	5894		3942	119
	64 05	145	41796	814		245	
	64 05	150	2600	32		7	
	64 05	155	45750	554		32	
	64 05	165	13300	327		94	7
	64 05	170	140993	2559		969	147
	64 05	175	424730	6230		1685	231
	64 10	170	4399	29		25	
	64 15	155	3466	51		14	
	64 20	155	36577	479		141	175
	64 20	160	7102	187		43	28
	64 20	165	3000	46		11	
	64 25	155	14135	224		47	119
	64 25	165	4604	73		11	21
	64 30	155	18404	1365		4	1331
	64 30	160	2302	43			28
	64 35	155	4604	172			168
	61 00	150	14300	363		187	2
	61 00	155	6000	50		36	1
	61 00	160	23906	435		205	
	61 00	165	53201	1354		396	14
	61 00	170	25678	438		332	3
	61 00	175	66762	1697		1005	35
	61 05	150	6300	89		22	
	61 05	155	28381	438		151	
	61 05	160	110502	1893		792	7
	61 05	165	44247	751		295	7
	61 05	170	18184	262		123	2
	61 05	175	4460	60		22	
	61 10	155	2545	23		11	

가랭이 JET	가다랭이 SKJ	황새치 SWO	녹새치 BUM	청새치 JUN	갈매기 JUN	돛새치 SAI	기타 Others
1749	26	17	22	3		3	13
454			7	5			103
21							4
460		3	5				54
166	9		2				49
1113	17	3	2	3		1	304
1221	17	12	28	13		10	13
							4
33							4
67	9		1	5			81
48			7	7			54
21			1				13
18	9						31
24			1			16	
30							4
9			2				4
142	9		14				9
12							1
212	3	2	9				4
835	26	7	8	7		3	58
79	1	2	1	2			18
608	17	3	11				18
67							
281	3	2	1				
968	43	8	24	3		3	45
424	2	2	5			3	13
97			4				36
33			1				4
6			2				4

월 Month.	해역 Area		낚시수 No. of hooks	계 Total	참다랭이 BFT	황다랭이 YFT	날개다 ALL
	위도 Lat.	경도 Long.					
	61 20	150	15000	375		11	203
	62 00	150	3000	39		11	28
	62 00	155	39421	584		353	3
	62 00	160	18642	517		270	3
	62 00	165	7858	167		115	
	62 00	170	12606	218		90	42
	62 00	175	73143	1532		883	244
	62 05	155	32998	1435		591	645
	62 05	160	10725	366		267	71
	62 05	165	4800	138		14	771
	62 05	170	120443	2527		548	1355
	62 05	175	92941	2190		804	736
	62 10	160	27600	678		202	371
	62 10	165	2400	13		4	7
	62 10	170	2300	21		7	7
	62 10	175	23724	617		202	147
	62 35	175	1240	38		/	14
	63 00	125	11320	118		32	
	63 00	130	19089	466		14	224
	63 00	135	6820	97		11	3
	63 00	140	22025	346		22	
	63 00	145	13490	180		43	
	63 00	150	18293	383		72	
	63 00	155	25911	480		249	21
	63 00	160	45720	550		209	3
	63 00	165	16981	219		61	7
	63 00	170	35950	313		76	98
	63 00	175	64766	2050		804	399
	63 05	125	22690	193		14	
	63 05	130	31147	391		22	77
	63 05	135	95204	1549		274	91
	63 05	140	18670	284		43	42
	63 05	145	67698	1291		231	161
	63 05	150	33328	1078		213	385

눈다랭이 BET	가다랭이 SKJ	황새치 SWO	녹새치 BUM	삼베치 JUM	북바리 WIM	돔새치 SAI	기 타 Others
157							4
160	17		12			3	36
175		2	22				45
33			15				4
76			6				4
245	3	7	37	1		20	85
106		2	17			20	54
76			12				4
39			8				
487	1		13	5		3	119
411	11	2	47	7		72	94
97			1				3
3			2				4
109	2	2	9			1	143
12	1						4
67			4	2			13
221		2	4				1
70	9						4
224	9	2	4				85
84	9		4				40
124	17	3	1				166
179	4	2				3	22
318	1	3	4			3	9
142	3	2	4				
94		7	2				36
693	9	2	8	3		7	125
169			1				9
272			2				18
1089	34	10	15	2		7	27
182	3		5				9
838	9	12	8	2		3	27
327	17	2	4				130

월 Month.	해역 Area		낚시수 No. of hooks	계 Total	참다랭이 BFT	황다랭이 YFT	날개다랭이 ALB
	위도 Lat.	경도 Long.					
	63 05	155	42200	892		43	308
	63 05	160	26107	455		130	147
	63 05	170	17760	452		58	294
	63 05	175	59035	1080		357	392
	63 10	125	63840	851		29	245
	63 10	130	70734	1408		119	519
	63 10	135	48273	1387		231	610
	63 10	140	23971	2041		292	883
	63 10	145	37120	638		126	217
	63 10	170	3514	63		18	35
	63 10	175	64639	1276		497	575
	63 15	125	17360	268		7	175
	63 15	130	19670	472		7	378
	63 15	135	18196	434		29	322
	63 15	140	1800	25		7	14
	63 15	145	27820	1366		404	757
	63 15	155	4000	43		4	35
	63 15	175	14610	269		94	133
	63 20	145	24300	1149		501	406
	63 20	155	2000	22			21
	64 00	080	41940	2199		144	
	64 00	085	11970	308		4	
	64 00	125	33000	657		169	
	64 00	130	2865	92		18	
	64 00	140	11700	105		32	
	64 00	145	17315	247		40	2
	64 00	150	14092	160		11	
	64 00	155	18925	221		94	
	64 00	160	53248	641		249	
	64 00	165	22348	238		90	
	64 00	170	10686	126		90	
	64 00	175	12408	372		285	7
	64 05	085	1995	74			
	64 05	090	16915	659		83	
	64 05	140	3000	75		7	

다랭이 BET	가다랭이 SKJ	황 새 치 SWO	녹 새 치 BUM	청 새 치 STM	백 새 치 WHM	돛 새 치 SAI	기 타 Others
505	9						27
142	9		4	2		3	18
91				2		3	4
297	9		6	3		7	9
560		3	8	2			4
690		10	7	2		3	58
496	26	2	1			3	18
829	4	10	1				22
257	9	2	5				22
1							9
118	3		1	3		3	76
79						3	4
67	4			3			13
79		2					2
3							1
136	43		4	2		7	13
3			1				9
33							
172	34		4	2		3	27
			1				
			8			1403	644
						210	94
442			14	5			27
64			1				9
57			1	2			13
194	1	2	4				4
130		2	1			7	9
118							9
369		2	12				9
139			2			3	4
30			2				4
64	9					7	
						52	22
			4	3		377	192
64							4

월 Month.	해역 Area		낚시수 No. of hooks	계 Total	참다랭이 BFT	황다랭이 YFT	날개다랭이 ALB
	위도 Lat.	경도 Long.					
3	64 05	145	65254	1025		205	28
	64 05	150	143938	2072		371	1
	64 05	155	191076	3835		721	1
	64 05	160	251445	4409		840	77
	64 05	165	248329	4320		1052	7
	64 05	170	108656	1881		429	7
	64 05	175	9635	126		40	
	64 10	090	9975	509			
	64 10	170	16800	215		25	7
	64 10	175	2650	35		14	
	64 20	155	29275	132		50	14
	64 20	160	7280	18		1	1
	64 25	155	11440	233		7	189
	64 30	150	2302	137			126
	64 30	155	18899	607		7	547
	64 30	160	9208	449		4	357
	61 00	140	2114	3			
	61 00	145	6500	98		14	
	61 00	150	14678	250		119	7
	61 00	155	22318	263		177	
	61 00	170	4400	116		90	
	61 00	175	34520	1389		959	112
	61 05	145	21237	478		162	
	61 05	150	19400	372		123	
	61 05	155	16607	333		47	35
	61 05	170	6929	149		47	7
	61 10	140	2520	36		25	1
	61 10	145	33090	714		382	7
	61 10	150	12520	199		173	3
	61 10	170	10577	252		130	21
	61 10	175	2900	24			2
	61 20	150	22500	539		4	350

눈다랭이 BET	가다랭이 SKJ	황새치 SWO	녹새치 BUM	송새치 SOM	물고기	돛새치 SAI	기 타 Others
756	9	8	4	2			13
1607	4	25	18	3		7	36
2944		10	9			7	143
3150	9	7	53	2		16	255
3005		8	17	3			228
1349	3	2	8			7	76
76			1				9
		22	1			334	152
179			4				
21							
48				2			18
15							1
27	1						9
9		2					
30		8		2			13
79			5				4
3							
42		2	4				36
61	9	2	4			3	45
64							22
9	4						13
287		2	2				27
239	17	2	4				54
230	3	2	1				13
218		2	1			3	27
79			1	2			13
			1				9
			25				300
			1				22
76		2	1				22
18							4
185							

월 Month.	해역 Area		낚시수 No. of hooks	계 Total	참다랭이 BFT	황다랭이 YFT	날개다랭이 ALB
	위도 Lat.	경도 Long.					
	62 00	145	12000	72		47	
	62 00	150	3000	20		14	
	62 00	155	54635	1027		505	252
	62 00	160	27480	617		378	21
	62 00	165	15945	709		613	14
	62 00	170	56702	1367		1063	91
	62 00	175	11228	228		126	49
	62 05	140	27000	406		252	
	62 05	155	65724	2499		1009	1212
	62 05	160	101384	2361		1305	294
	62 05	165	169463	3954		1297	1668
	62 05	170	188964	5123		1038	2817
	62 05	175	58911	1542		613	477
	62 10	155	7200	135		61	56
	62 10	160	4800	94		29	56
	62 10	165	11700	249		72	126
	62 10	170	19100	360		141	119
	62 10	175	69010	2617		933	603
	63 00	135	6060	110		7	
	63 00	145	132995	2328		303	63
	63 00	150	42704	511		119	14
	63 00	155	34924	556		263	21
	63 00	160	61095	701		252	84
	63 00	170	102395	2310		912	266
	63 00	175	28001	793		285	224
	63 05	135	19890	260		18	
	63 05	140	89090	1475		346	63
	63 05	145	202710	3813		324	596
	63 05	150	85732	1553		213	266
	63 05	155	40528	1143		436	280
	63 05	160	26685	758		177	315
	63 05	165	13740	238		123	28
	63 05	170	35227	787		195	350
	63 05	175	132911	3343		850	1444
	63 10	130	65120	1846		43	974
	63 10	135	58305	1884		105	1065

다랭이 BET	가다랭이 SKJ	황새치 SWO	녹새치 BUM	청새치 STM	백새치 WHM	돛새치 SAI	기 타 Others
21							4
6							
166	9	3	2	2		16	72
124			6			3	85
48	9					3	22
124	9	3	2	2		1	72
36	3		1				13
145							9
157	3		6	2		7	103
596	9		9	2		3	143
838	9	7	2	7		1	125
738	34	2	14	12		7	461
345	9	2	6	2		3	85
9							9
9							
27				2			22
82							18
175	1		65	2		1	837
103							
1846	17	29	2	2		3	63
342	1	7	1				27
203			2				67
269	9	2	2	2			81
965	17	5	6	2		3	134
224	9		2				49
227			1			1	13
986	9	2	4	2			63
2599	112	22	6	2			152
974	9	5	4			1	81
372	3	2	4			1	45
185	9	2	2			1	67
76			1			1	9
203	9		1	2			21
708	17	2	8	7		3	304
732		2	1	2		7	85
599			1	2			112

월 Month.	해역 Area		낚시수 No. of hooks	세 Total	참다랭이 BFT	황다랭이 YFT	날개다랭이 ALB
	위도 Lat.	경도 Long.					
	63	10	15558	353		22	161
	63	10	121978	2940		400	1388
	63	10	66405	1628		440	785
	63	10	1680	42		4	14
	63	10	11108	331		76	161
	63	10	5819	142		86	49
	63	10	34591	474		105	280
	63	10	60130	1221		501	477
	63	15	21272	1069		173	680
	63	15	4316	56		7	49
	63	15	4246	67		29	35
	63	15	1855	8		1	7
	63	20	12690	97		25	35
	63	20	3600	208		25	140
	63	20	30600	1644		389	904
	63	20	7472	130		32	91
	63	20	4230	28		4	21
	63	25	1700	8		1	3
	63	30	2780	16		1	14
	63	35	9550	132		1	126
	64	00	54400	4156		25	
	64	00	3000	23		4	
	64	00	34204	461		50	
	64	00	75977	1088		342	7
	64	00	77685	1441		205	1
	64	00	88356	1284		436	2
	64	00	12512	295		25	
	64	00	28016	263		123	7
	64	00	2740	42		18	
	64	05	1600	61			
	64	05	5985	167			
	64	05	19440	578		11	
	64	05	21470	346		54	35
	64	05	128397	2555		595	

눈다랭이 BET	가다랭이 SKJ	황새치 SWO	녹새치 BUM	청새치 STM	백새치 WHM	돔새치 SAI	기타 Others
124			1				45
1047	9	3	2	2			89
351	9	2	2	2		1	36
15							9
67	9						18
1		2					4
76	9						4
130	1		2	2		1	107
139	17		2	2		7	49
3							
21		2	1				13
27	2		1				13
215	43		2	3		7	81
3							4
3							
	1						4
3		2					
			1	2		4110	18
15							4
381		2	1				27
654	17	3	1			10	54
1150	9	7	1			1	67
747	9	5	2			7	76
224			1				45
100	1	3	2				27
24							
				5		20	36
						167	
			1			557	9
242		2					13
1758	3	3	7	7		3	179

월 Month.	해역 Area		낚시수 No. of hooks	계 Total	참다랭이 BFT	황다랭이 YFT	날개다랭이 ALB
	위도 Lat.	경도 Long.					
4	64 05	150	216493	3530		587	266
	64 05	155	293341	4235		468	98
	64 05	160	84937	1248		177	
	64 05	165	3270	51		29	
	64 05	170	30605	512		126	7
	64 05	175	33420	566		155	2
	64 10	090	5985	355			
	64 10	145	9300	58		18	
	64 10	165	27840	631		105	140
	64 10	170	17620	250		112	7
	64 20	160	2475	5			
	61 00	140	2300	59		18	1
	61 00	145	11265	166		11	
	61 00	150	11182	215		58	2
	61 00	155	8475	233		180	
	61 00	160	27720	467		324	3
	61 00	165	4305	59		40	
	61 00	170	28295	510		353	7
	61 00	175	16339	352		184	
	61 05	135	4900	106		54	
	61 05	145	19502	287		68	
	61 05	150	17145	344		32	3
	61 05	165	2520	49		29	
	61 05	170	2918	61		11	
	61 05	175	5768	61		14	
	61 10	150	42140	739		717	
	61 10	170	2550	68		11	21
	61 10	175	2450	39		7	2
	61 15	120	25900	669			406
	62 00	150	4804	73		43	
	62 00	155	36914	621		429	
	62 00	160	22030	555		375	70
	62 00	165	13920	244		97	35
	62 00	170	32457	592		303	105

다랭이 BET	가다랭이 SKJ	황새치 SWO	녹새치 BUM	청새치 STM	백새치 WHM	돛새치 SAI	기 타 Others
2427	3	8	7	3		10	219
3371	9	15	5	2		3	264
1014	1	5	1	2		3	45
9							13
354		3	1			3	18
369		2	2				36
				3		321	31
30			1				9
354				2		3	27
109		3	1				18
3							2
36							4
154			1				
142		2		2			9
48			1				4
115		2	5				18
18							1
133	2	2	2			7	4
160		2	2				4
51			1				
215							4
303		2					4
15			1				4
45			1				4
45							2
							22
36							
24			2				4
248				2			13
27	1	2					
145	2	2	2	2		3	36
73		2	6	2			27
88		2					22
151		2	1	2		1	27

월 Month.	해역 Area		낚시수 No. of hooks	계 Total	참다랭이 BFT	황다랭이 YFT	날개다랭이 ALB
	위도 Lat.	경도 Long.					
	62 00	175	64708	1526		652	287
	62 05	150	10700	384		249	1
	62 05	155	2400	47		14	28
	62 05	160	138256	4399		1265	2039
	62 05	165	411145	10540		3495	4723
	62 05	170	100602	2104		454	960
	62 05	175	65795	1339		414	596
	62 10	155	12000	351		50	273
	62 10	160	4800	68		18	28
	62 10	170	38400	775		306	238
	62 10	175	35135	744		187	463
	62 35	175	27928	1310			1275
	62 40	175	9240	445			441
	63 00	135	2700	14		7	1
	63 00	140	87438	1766		335	42
	63 00	145	190924	2560		263	1
	63 00	150	133457	2151		364	42
	63 00	155	91966	1705		479	161
	63 00	160	8313	191		76	35
	63 00	165	15174	344		148	98
	63 00	170	45716	1868		1355	175
	63 00	175	69803	1740		1279	84
	63 05	140	5780	102		40	
	63 05	145	77617	1544		277	266
	63 05	150	109253	3224		724	1114
	63 05	155	225852	7234		1532	2460
	63 05	160	42774	952		216	427
	63 05	165	21230	569		97	245
	63 05	170	89853	1657		494	672
	63 05	175	191570	4261		1088	2041
	63 10	135	4480	106		11	70
	63 10	140	4480	106		29	70
	63 10	150	29900	1054		195	638
	63 10	160	19336	404		94	189

눈다랭이 BET	가다랭이 *SKJ	황새치 SWO	녹새치 BUM	조랑새치 SJO	뚝새치 SAI	기타 Others
502	4		9			72
109		2	1	2	7	13
1						4
859			21	2	7	206
1915	1	5	58	10	29	304
508	3		20	15	10	134
224	9		8	2	1	85
21			1	2		4
12			1			9
218			2	2		9
48			1			45
6		2				27
1		2				1
6						
1301	3	3	15			67
2091	17	24	13	2	1	148
1576	17	17	20	2	1	112
974	9	5	13	3	3	58
79					1	
79	17		1			1
284	26		1	2	3	22
272		2	11	7		55
57			1			4
926	9	2	9		1	54
1201	26	5	12		3	100
2766	52	2	44		20	268
266	9		2		10	20
194	9	2	4			18
375	9		1	10	7	89
917	26	2	13	13	3	188
21						4
3						4
194				5		22
94	3		2			22

월 Month.	해역 Area		낚시수 No. of hooks	계 Total	참다랭이 BFT	황다랭이 YFT	날개다랭이 ALB
	위도 Lat.	경도 Long.					
	63	10	165	6840	204	108	91
	63	10	170	44971	847	227	385
	63	10	175	5750	120	11	77
	63	15	165	1390	1		1
	63	15	175	28619	995	94	813
	63	20	140	6345	128	14	84
	63	20	150	12600	700	133	420
	63	20	165	2150	33	11	14
	63	25	140	26895	607	54	378
	63	25	170	6300	69	7	49
	63	25	175	7200	969		960
	63	30	170	6292	77	14	56
	63	30	175	6276	82	4	70
	63	35	150	24129	2099		2095
	63	35	155	22960	1320		1310
	63	35	160	1855	24		21
	63	35	165	2289	181		175
	63	35	170	2300	53		49
	63	35	175	69540	2780		2733
	64	00	080	14994	523	14	
	64	00	085	14282	496		
	64	00	130	2280	1		
	64	00	135	10590	228	22	
	64	00	140	19305	198	18	
	64	00	145	379318	4187	577	35
	64	00	150	358002	5541	1074	91
	64	00	155	94521	1340	393	14
	64	00	160	51959	817	105	
	64	00	165	8968	95	11	
	64	00	170	5362	53	14	
	64	00	175	13664	165	68	7
	64	05	125	10400	164	1	
	64	05	130	5020	33	18	
	64	05	135	2380	19	4	

다랭이 BET	가나랭이 SKJ	황새치 SWO	녹새치 BUM	형새치 SOM	반새치 WOM	돛새치 SAI	기타 Others
1							4
188	9			2			36
27	1						4
79		2	1	2			4
24		2					4
106	17		2				22
3			1				4
160				2			13
3			1				9
9							
3							4
3			1				4
							4
6							4
3							
6							
							4
12	2	8	1	2			22
			1			508	
			1			495	
1							
185		2	1				18
139			1				40
3313	9	19	20	10		3	201
3837	17	20	12	12		13	465
871	9	8	2			3	40
660						3	49
70		2	2			1	9
39							
88			1			1	
163							
15							
15							

월 Month.	해역 Area		낚시수 No. of hooks	계 Total	참다랭이 BFT	황다랭이 YFT	날개다랭이 ALB
	위도 Lat.	경도 Long.					
5	64 05	145	131488	1660		310	
	64 05	150	214631	2853		342	
	64 05	155	33380	484		83	
	64 05	160	16012	175		36	
	64 05	165	45803	440		14	
	64 05	170	4800	53		7	
	64 10	155	2295	31		4	
	64 10	165	48480	1501		418	596
	64 10	170	26845	325		7	21
	64 10	175	8340	95		7	
	61 00	145	16814	245		112	
	61 00	150	34374	555		76	
	61 00	155	87595	1397		681	
	61 00	165	9659	79		54	
	61 05	145	26056	294		169	
	61 05	155	5628	25		4	
	61 05	160	8450	125		86	21
	61 15	120	45710	623		40	70
	61 20	125	12950	164			
	62 00	155	12324	157		83	
	62 00	160	109606	2169		1589	35
	62 00	165	33040	892		699	7
	62 00	170	19940	390		263	21
	62 00	175	45240	710		436	14
	62 05	160	176642	3377		1928	441
	62 05	165	302532	5495		3095	778
	62 05	170	61115	917		458	189
	62 05	175	22452	269		141	35
	62 10	165	19200	435		213	49
	62 10	170	16692	269		130	49
	62 20	175	2400	4		4	

눈다랭이 BET	가다랭이 SKJ	황새치 SWO	녹새치 BUM	징새치 STM	백새치 WHM	돛새치 SAI	기 타 Others
1116		5	5	2		7	215
2284		2	25	7		10	183
384		2	2				13
118		2	1				18
411		2	1			3	9
42		2					2
21			2				4
300				10		20	157
266		8	1				22
82		2					4
109	17		4			3	
472	2		2			3	
702	1	2	4			7	
24			1				
94	17		4			10	
21							
15			1				2
424							89
82	69						13
61							13
460	34		13	2			36
160	2		1			1	22
103	1		1			1	
221	9	2	15				13
953	17		7	2		7	22
1477	34	2	21	10		29	49
254			5	2		7	2
73	9		2				9
172						1	
85			1				4

월 Month.	해역 Area		낚시수 No. of hooks	계 Total	참다랭이 BFT	황다랭이 YFT	날개다랭이 ALB
	위도 Lat.	경도 Long.					
	62 25	175	8207	31		4	21
	62 30	175	157838	1485		126	911
	62 35	175	638906	1874		4	1759
	63 00	145	48313	775		141	7
	63 00	150	125631	1616		353	7
	63 00	155	99377	1155		299	21
	63 00	160	22624	285		72	14
	63 00	165	34300	855		389	35
	63 00	170	95107	2149		1095	35
	63 00	175	16220	287		184	7
	63 05	145	88889	1811		335	231
	63 05	150	246595	3991		1005	505
	63 05	155	70186	1256		270	238
	63 05	160	71596	1101		479	182
	63 05	165	56300	744		450	140
	63 05	170	67834	826		220	98
	63 05	175	107937	1312		681	231
	63 10	145	22428	496		119	105
	63 10	150	45594	775		119	182
	63 10	155	5200	84		25	21
	63 10	170	16019	153		68	49
	63 10	175	16424	389		234	84
	63 15	150	2600	121		29	14
	63 15	175	40280	542		119	154
	63 20	170	9060	80		25	28
	63 20	175	5915	73			70
	63 25	145	6900	141		4	63
	63 25	150	62005	750		40	448
	63 25	155	30585	337		18	238
	63 25	170	23200	191		25	140
	63 25	175	101742	1470		29	1352
	63 30	140	12400	100			91

부다랭이 BET	가다랭이 SKJ	황새치 SWO	녹새치 BUM	황새치 WUM	백새치 WUM	돛새치 SAI	기타 Others
3	1			2			
239	4		5	5		3	192
76	1		5	2			27
605			9				13
1192	9	2	19	2		1	31
708	9		13	7			98
191	2		1			3	2
402	9		4			3	13
968	9		6	2		3	31
88			2	2			4
1195			8	2			40
2309	17	2	31	5		10	107
608	17		8	2		10	103
411	4		13			3	9
151			1				2
487	9		2			1	9
336	9		5	5			45
263			2	2		1	4
436	3	2	6	2		3	22
27			4			7	
24	2		1	2		7	
57	9		1				4
73			1				4
245	17		1	3		3	
27							
3							
36	9			2			27
160	17		1	7		1	76
79	2						
21			2	2			1
79	2		1	3		3	1
							9

월 Month.	해역 Area		낚시수 No. of hooks	계 Total	참다랭이 BFT	황다랭이 YFT	날개다랭이 ALB
	위도 Lat.	경도 Long.					
	63 30	145	11170	77			70
	63 30	150	17455	161			147
	63 30	155	12440	89		7	63
	63 30	170	12920	163			147
	63 30	175	90246	1070		4	974
	63 35	150	121276	1957		4	1934
	63 35	155	37240	545			540
	63 35	175	102832	1029		4	1009
	64 00	080	17072	555		79	
	64 00	085	11260	315			
	64 00	105	2600	49			
	64 00	115	2600	28			
	64 00	125	14650	197		14	
	64 00	130	11055	152		4	
	64 00	135	6000	35			
	64 00	140	34720	237		86	
	64 00	145	182042	2590		512	28
	64 00	150	243422	3656		724	7
	64 00	155	298734	4332		865	7
	64 00	160	81791	1431		292	
	64 00	165	51060	743		61	7
	64 00	170	52705	870		436	21
	64 00	175	34446	520		241	42
	64 05	085	2252	33			
	64 05	090	68884	2763		25	
	64 05	105	6005	80		11	
	64 05	110	40895	547		32	
	64 05	115	42260	695		25	
	64 05	120	12135	92		22	
	64 05	125	29350	346		11	
	64 05	130	11700	111		25	
	64 05	135	3000	22		4	
	64 05	140	36880	97		97	
	64 05	145	15517	273		54	
	64 05	150	62070	854		162	
	64 05	155	58611	950		184	
	64 05	160	46807	787		198	14
	64 05	165	35635	416		86	

눈다랭이 BET	가다랭이 SKJ	황새치 SWO	녹새치 BUM	잉새치 STM	백새치 WHM	돛새치 SAI	기 타 Others
3							4
1							13
6							13
15			1				
67	9		5	2			9
9			1	2		3	4
3			1			1	
9			1	2			4
			5	2		469	
						315	
21	9		1	2		3	13
27			1				
154	9		2	2		3	13
121							27
33							2
136			11				4
1982	4	3	9	5		20	27
2793	26	3	9	3		10	81
3368	17	2	6	3		1	63
1116	1		4	2		7	9
666			4			1	4
363			2	2		1	45
151			1	2		7	76
						33	
		7	15	2		2714	
67							2
433	26		4	3		13	36
611	9		5	2		7	36
42			1				27
290	9		4	2		3	27
82			1	2			1
18							
118			1	2			98
602	9		6	5		7	63
723			5	2			36
560	1		1				13
306			1	2		3	18

월 Month.	해역 Area		낚시수 No. of hooks	계 Total	참다랭이 BFT	황다랭이 YFT	날개다랭이 ALB
	위도 Lat.	경도 Long.					
6	64 05	170	3457	55		43	
	64 05	175	2240	48			
	64 10	090	72004	3644		14	
	64 10	145	7840	90		22	7
	64 10	155	3250	24			
	64 10	160	12000	78			
	64 10	170	64107	943		270	140
	64 10	175	7047	86		4	
	61 00	145	16916	532		159	
	61 00	150	13040	416		187	
	61 00	155	18031	542		267	7
	61 00	160	12920	605		548	
	61 00	165	2925	125		108	
	61 00	175	2210	16		7	
	61 10	155	2180	30			
	61 15	160	2800	39		25	7
	61 20	130	17430	120		4	56
	61 20	135	10360	205		205	
	61 20	140	5180	61		61	
	62 00	155	4915	154		97	
	62 00	160	129571	7136		6346	35
	62 00	165	270309	11783		9813	406
	62 00	170	232069	9592		7827	168
	62 00	175	75200	1843		1175	147
	62 05	160	55510	2540		1971	98
	62 05	165	74150	2782		1701	441
	62 05	170	45252	1695		1182	245
	62 05	175	7048	235		166	28
	62 10	165	31120	1131		814	175
	62 10	170	10380	332		209	56
	62 10	175	30830	686		263	364
	62 15	170	26640	559		285	105

눈다랭이 BET	가나랭이 SKJ	황새치 SWO	늑새치 BUM	황새치 S T M	백새치 W H M	돛새치 SAI	기 타 Others
12							
39							9
				5		3625	
61							
24							
76				2			
484				5		13	31
82							
366	1		1			1	4
212	1	2	2			3	9
254	1	3	1				9
51		2					4
15		2					
9							
30							
3							4
		12				3	45
54		3					
578	129	10	18	3		13	4
1431	52	12	58	7			4
1480	9	29	43	12		20	4
439	60	3	2	3		10	4
433	9	8	7			10	4
542	69	7	9	2		7	4
251		2	9	2			4
18	2	2				1	18
136			2				4
30						1	36
39	9	3	4				4
82		3		2		1	81

월 Month.	해역 Area		낚시수 No. of hooks	계 Total	참다랭이 BFT	황다랭이 YFT	날개다랭이 ALL
	위도 Lat.	경도 Long.					
	62 25	155	13600	212		11	105
	62 25	170	6300	101		4	49
	62 25	175	52550	700		72	540
	62 30	170	90234	1899		213	1486
	62 30	175	214525	3718		137	3132
	62 35	175	2200	93			56
	63 00	130	2600	10		7	
	63 00	135	2100	3			
	63 00	140	16350	305		148	
	63 00	145	6390	96		36	
	63 00	150	62653	1499		476	49
	63 00	155	89840	2196		1341	224
	63 00	160	39934	729		314	14
	63 00	165	34220	973		458	35
	63 00	170	265333	8578		5344	350
	63 00	175	106209	3056		2213	119
	63 05	145	72598	1553		263	371
	63 05	150	81576	1943		317	294
	63 05	155	9860	247		47	35
	63 05	160	16660	291		94	49
	63 05	165	18740	672		440	63
	63 05	170	60446	986		616	168
	63 05	175	43034	602		314	196
	63 10	145	36145	1070		101	498
	63 10	150	56810	1455		321	470
	63 10	155	5200	82		14	28
	63 10	170	36164	789		339	259
	63 10	175	25284	826		486	301
	63 15	165	19860	414		97	119
	63 20	160	1848	57		14	28
	63 20	165	5544	81		14	35
	63 20	170	15288	296		47	91
	63 25	135	41205	1012		14	918

눈다랭이 BET	가다랭이 SKJ	황새치 SWO	녹새치 BUM	갈매기 ST	갈매기 ST	돛새치 SAI	기 타 Others
18		2					76
1	2						45
73	3	5	1	2			4
185	3	2	6				4
411		7	13	7		7	4
1							36
3							
3							
124			4	2			27
54		2					4
862	3	5	5	2		3	94
593	9	12	7	3		3	4
354		3	4	3		1	36
469	1	2	2	2			4
2820	9	7	21	10		13	4
696	1	3	12	5		3	4
902	1	3	7	2			4
1313	1	5	6	3			4
127			2				36
109		2	1				36
115	1	3	1				49
188	9		1				4
79	2		2	2		3	4
415	34	3	5	3		7	4
575	17	2	20	3		43	4
21						1	18
179	2	2	2	2			4
27	2	2	1	2		1	4
112	3			2			81
		2					13
3		2					27
76	3		1	2			76
70	2		4				4

월 Month.	해역 Area		낚시수 No. of hooks	계 Total	참다랭이 BFT	황다랭이 YFT	날개다랭이 ALB
	위도 Lat.	경도 Long.					
	63	25	140	60085	1518	65	1374
	63	25	145	66190	983	40	813
	63	25	155	105099	1112	43	1079
	63	25	160	43167	550	40	477
	63	25	165	127732	1780	123	1542
	63	25	170	107751	1836	76	1626
	63	25	175	135342	2394	108	2109
	63	30	140	37940	1054	14	981
	63	30	145	9200	271	4	119
	63	30	150	30690	371		350
	63	30	155	45827	588	7	561
	63	30	160	66475	1639	7	1605
	63	30	170	2350	52	11	14
	63	30	175	12066	308	22	147
	63	35	145	52680	2181	7	2151
	63	35	150	55440	2592	11	2544
	63	35	165	2600	54		21
	64	00	080	11260	277	112	
	64	00	085	13512	321	43	
	64	00	095	30875	337	7	
	64	00	100	10000	71	4	
	64	00	105	10630	166	4	
	64	00	140	10560	206	24	
	64	00	145	119482	1889	465	21
	64	00	150	57912	725	202	14
	64	00	155	8323	73	25	
	64	00	160	10690	206	18	
	64	00	170	55370	1313	883	42
	64	00	175	23010	736	490	21
	64	05	085	2252	44		
	64	05	090	23800	804		
	64	05	095	18420	267	1	
	64	05	100	25225	333	14	
	64	05	105	38927	561	29	
	64	05	110	2820	49	1	
	64	05	115	8340	81	4	
	64	05	125	3000	7		

다랭이 BET	가다랭이 SKJ	황새치 SWO	녹새치 BUM	청새치 STM	백 WHM	돛새치 SAI	기타 Others
64			11				4
79	34		8	5			4
30			2	7		7	4
18		7	4				4
67	17	17	4	5		1	4
97	17	13	1	2			4
136	17	8	4	7		1	4
42	9		2	2			4
24	4		2	2			116
6			8	3			4
12			1	3			4
15		3	5				4
18							9
39		2					98
12	3		2	2			4
18	9		1	2		3	4
							13
		2	4			147	31
			11	2		220	45
266	9	2	2			1	49
51		2	1				13
118	9	2	2				31
76			5				31
1301	3	15	5	5		7	67
387	3	7	5	2		20	85
42			2				4
172			2	2		3	9
293			11	2		1	81
166			2	3			54
			1			39	4
		3	2	3		760	36
203	17		4	2			40
248	17		2	2		1	49
381	17	7	4	2			121
42		2					4
42		2	1	5			27
6			1				

월 Month.	해역 Area		낚시수 No. of hooks	세 Total	참다랭이 BFT	황다랭이 YFT	날개다랭이 ALB
	위도 Lat.	경도 Long.					
7	64 05	135	4660	17		11	
	64 05	140	5020	20		14	
	64 05	150	12990	86		7	
	64 05	170	13000	525		371	28
	64 10	135	6000	123			
	64 10	140	76000	1981		14	
	64 15	160	25200	515		256	98
	64 20	170	48800	990		400	287
	64 25	145	8400	170		1	98
	64 25	150	16800	212		11	105
	62 10	170	9600	204		40	91
	62 10	175	2780	96		7	56
	62 15	170	4960	103		25	42
	62 20	155	3374	46		7	21
	62 20	160	19915	386		22	238
	62 20	170	7440	146		32	63
	62 25	155	35611	727		22	498
	62 25	160	16138	321		14	203
	62 25	165	26580	596		7	399
	62 25	170	33440	654		58	336
	62 25	175	6660	157		14	105
	62 30	170	24420	954		1	694
	62 30	175	98998	3500		11	3287
	62 35	170	6660	337			245
	62 35	175	6660	223			161
	63 00	105	5200	67		11	7
	63 00	150	12500	125		22	
	63 00	155	2631	19		7	
	63 00	165	22279	702		342	105
	63 00	170	119628	3379		1928	294

눈다랭이 BET	가다랭이 SKJ	황새치 SWO	녹새치 BUM	삼선리 STM	백민지 WHM	녹새치 SAI	기타 Others
6							
6							
73		5				1	
88				2			36
				7		85	31
		8	12	8		1809	130
79		3		2		1	76
284				5		10	4
6		2					63
18		2					76
33							40
3	3						27
18							18
3		2					13
36		2	1	2			85
24							27
36		2				3	166
9	4	2	1	3			85
24	2		1	2			161
48			2	3		1	206
6			1				31
27			4				228
186			11	2		1	
6			1				85
6			2				54
39			1				9
79			6				18
12							
182	9		6				58
980	2	5	9	2		7	152

월 Month	해역 Area		낚시수 No. of hooks	계 Total	참다랭이 BFT	화다랭이 YFT	날개다랭이 ALB
	위도 Lat.	경도 Long.					
7	61 00	145	10960	234		141	
	61 00	150	72418	2916		2288	
	61 00	155	83701	3914		3495	
	61 00	160	56630	2158		1751	
	61 00	165	58414	2229		1777	14
	61 00	170	27073	846		613	
	61 00	175	13320	432		234	42
	61 05	145	2740	45		29	
	61 05	160	3430	14		7	
	61 15	150	2450	85		29	28
	61 20	130	2520	40			28
	61 20	150	32340	943		90	519
	62 00	150	24410	1575		1434	
	62 00	155	25539	929		742	
	62 00	160	10550	497		334	63
	62 00	165	14585	222		130	
	62 00	170	57671	2794		2393	21
	62 00	175	22931	6712		4486	385
	62 05	155	5260	352		324	
	62 05	170	63285	2018		969	413
	62 05	175	14920	1114		547	91
	62 05	175	31745	17524		10535	2067
	63 05	160	20500	209		8	14
	63 05	165	4600	70		4	7
	63 05	170	58750	1673		220	441
	63 05	175	42080	859		56	175
	63 05	175	18900	385		159	63
	63 05	170	76140	834		288	147
	63 05	175	142622	5246		3085	644
	63 10	170	9420	204		65	35
	63 15	130	8100	132		4	63
	63 20	130	3000	118			77
	63 20	135	7800	273		18	182
	63 20	140	33865	687		11	448
	63 20	145	8326	195		7	126
	63 20	150	1495	14			7
	63 20	160	2128	45		4	28
	63 20	170	52940	1377		404	413
	63 20	175	4458	122		4	70

단다랭이 BET	가녀랭이 SEJ	황새치 SWC	죽새치 SEV	참새치 SWM	백새치 WHM	동새치 SAI	기타 Others
85		2	2				4
466		2	14			3	143
405		2	11			1	
239		2	13			1	152
324		2	18	2		7	85
179		2	4	2		1	45
91				2			63
12							4
3							4
15							13
						3	9
115		2	7	3		1	206
130			2				9
142			9				36
64			4				31
70			4				18
479	8	2	18	2		7	
116	38	5	27	3		7	324
24							4
441		3				3	174
277		5	1	2		13	54
4854	145	21	103	27		42	
81	7		5				13
47			4				13
758		5	4	2			242
554		2	1	2			67
136	1		1	2		1	22
290			2	2		7	98
1449	26	12	15	10		7	
85	2		1			3	13
3			13				49
			5				36
15							58
51			2	2		3	170
12						1	49
3							4
							13
300		2		3		13	242
6			2				40

월 Month.	해역 Area		낚시수 No. of hooks	계 Total	참다랭이 BFT	왕다랭이 YFT	날개다랭이 ALB
	위도 Lat.	경도 Long.					
	63 25	130	71905	1930		29	1850
	63 25	135	226710	6511		76	6314
	63 25	140	164556	3511		79	3245
	63 25	145	68932	1433		54	1261
	63 25	150	9694	252		4	168
	63 25	155	48640	1176		36	1107
	63 25	160	34327	813		18	575
	63 25	165	8000	112		7	70
	63 25	170	47680	856		76	456
	63 25	175	14566	449		4	245
	63 30	155	13900	562			420
	63 30	160	38000	1299		54	862
	63 30	165	13150	236		29	112
	63 30	170	50000	1330		11	1212
	63 30	175	25900	683		36	385
	63 35	145	3960	163			119
	63 35	150	38295	1809		40	1717
	64 00	100	5160	148		29	
	64 00	105	7800	85		7	
	64 00	155	47924	807		223	
	64 00	160	18984	362		97	
	64 00	165	38790	1053		724	7
	64 00	170	49722	1679		1333	28
	64 00	175	58236	1474		818	196
	64 05	085	42000	957			
	64 05	090	16684	367			
	64 05	095	5300	42		4	
	64 05	100	62570	1273		101	
	64 05	105	47645	591		43	
	64 05	160	26505	589		245	
	64 05	165	5220	39		7	
	64 05	170	7830	150		68	
	64 05	175	7898	321		295	7
	64 10	090	152550	5000			
	64 25	145	11200	163		11	105
	64 25	155	42000	652		18	441
	64 30	175	11200	202		1	119
8	61 00	145	8080	69		50	
	61 00	150	34610	975		818	1
	61 00	155	21760	626		523	

눈다랭이 BET	가다랭이 SKJ	황새치 SWO	녹새치 BUM	흰배치 S T M	백새치 W H M	돛새치 SAI	기 타 Others
39	3	2	5	2			
94	3		9	12		3	
130	34	2	14	7			
85	26	3	1	3			
18	1	2				1	58
27		2	2	2			
15		2		2			201
6		2					27
109	9	2	7	2		3	192
73				2			125
3							139
82		2	6	2			291
39			2				54
103		2		2			
82			4	2			174
3						1	40
39	9	2		2			
100		2	2	2			13
54		2					22
548		8	1				27
257		2	2				4
297			1	2			22
272			4	2			40
333			17	2		1	107
						957	
						367	
27			2				9
923	26	19	13	7		1	183
399	26	8	4	3		1	107
324			7				13
27			1				4
82							
12			2			1	4
		5	14	15		4792	174
6						1	40
36		2				3	152
36						1	45
18			1				
139			4				13
67			6			3	27

월 Month.	해역 Area		낚시수 No. of hooks	계 Total	참다랭이 BFT	황다랭이 YFT	날개다랭이 ALB
	위도 Lat.	경도 Long.					
	61 00	160	14711	566		382	
	61 00	165	228823	6178		4025	14
	61 00	170	196599	5141		3416	21
	61 00	175	66608	2144		1359	7
	61 05	155	12750	105		43	1
	61 05	160	7661	87		32	
	61 10	140	2450	89		7	70
	61 10	145	50190	1377		108	1072
	61 10	150	10110	167		18	105
	61 10	155	2660	73		7	63
	62 00	160	23097	679		533	7
	62 00	165	66565	2067		1542	84
	62 00	170	154216	3854		2220	231
	62 00	175	183557	7145		5049	350
	62 05	160	2400	47		7	21
	62 05	165	2400	70		25	28
	62 05	170	23356	847		144	498
	62 05	175	74218	3108		1586	477
	62 10	170	24000	834			652
	62 15	160	12000	270		7	196
	62 15	170	2400	82			63
	62 20	155	2400	39		4	21
	62 20	160	21600	335		18	217
	62 20	170	2400	88			70
	62 25	155	21664	719		32	645
	62 25	160	48420	2080		22	1885
	62 25	165	15540	885		4	855
	62 25	175	2100	125			112
	62 30	175	35000	1948		4	1836
	63 00	105	3120	27		4	
	63 00	145	4575	51		1	
	63 00	150	18887	425		76	21
	63 00	155	27890	602		310	49
	63 00	160	23100	412		223	35
	63 00	165	31260	510		299	21
	63 00	170	33957	849		364	84
	63 00	175	184385	5166		2699	806

다랭이 BET	가다랭이 SKJ	황새치 SWC	녹새치 BUM	고등어 GDM	백새치 WHM	돔새치 SAI	기타 Others
136			8				40
1434	1	7	89	2		20	586
1192	17	34	72	2		7	380
584		3	21	3		1	166
45		2	5				9
45			1				9
12							
166			2	2			27
39			1				4
3							
112			5	2		7	13
345			6	7		7	76
1213	26	8	30	2		3	121
1331	69	25	31	13		13	264
18						1	
12			1				4
145			2				58
235		8	12	7		16	67
86							94
12			1	2		3	49
6							13
1							13
15			1	2		1	81
9							9
9				2			31
54			4	5		3	107
21			1				4
12			1				
94			1				13
3		2					18
24	9	2		2			13
297		7		2			22
209	9	7	5				13
133		3	5				13
127		3	8			16	36
381		3	5			3	9
1522	17	13	19	2		7	81

월 Month.	해역 Area		낚시수 No. of hooks	계 Total	참다랭이 BFT	황다랭이 YFT	날개다랭 ALB
	위도 Lat.	경도 Long.					
	63 05	100	9750	50		11	3
	63 05	120	5000	48		14	
	63 05	135	13936	380		94	70
	63 05	140	2640	54		14	14
	63 05	150	16950	366		43	84
	63 05	155	4850	75		18	7
	63 05	160	2800	33		4	14
	63 05	165	15675	242		83	49
	63 05	170	26663	352		108	77
	63 05	175	23980	647		193	154
	63 10	130	5460	259		18	154
	63 10	135	24755	860		36	624
	63 10	140	7999	245		14	203
	63 10	145	4200	86		4	70
	63 10	150	14700	253		25	196
	63 15	130	2510	98		4	49
	63 15	135	40680	1428		76	1030
	63 15	140	30934	1018		86	820
	63 15	150	14266	378		11	294
	63 15	155	2350	49		4	28
	63 15	160	6495	111		14	49
	63 20	130	8153	115		4	105
	63 20	135	40463	1107		54	974
	63 20	140	138517	3925		126	3371
	63 20	145	144494	4108		94	3574
	63 20	150	81672	2233		50	2039
	63 20	155	12080	191		4	182
	63 20	160	55062	1272		83	1030
	63 20	165	21175	432		14	364
	63 25	130	25860	1101		4	1072
	63 25	135	33485	845		14	792
	63 25	140	2800	49			49
	63 25	145	47365	1772		36	1612
	63 25	150	74691	1958		40	1752
	63 25	155	109153	3111		94	2880
	63 25	160	26640	1005		11	953
	63 25	165	18072	353		11	308
	63 25	170	33249	643		61	420
	63 25	175	50281	1916		43	1612
	63 30	155	1900	91			91
	63 30	170	13060	262		25	175
	64 00	100	20908	280		43	
	64 00	105	42125	554		32	

눈나랭이 BET	가나랭이 SKJ	황새치 SWO	녹새치 BUM	문새치 SFM	백새치 WHM	돛새치 SAI	기타 Others
21		2					19
33			1				12
118	9						89
15						1	4
227		3					9
48		2					
15							
103			2			1	4
145	1		2			1	18
206			6	2			81
36	9	2					40
70	3	2	11	2			112
27			1				
12							
27			1				4
36	9						
248	17		6	2			49
97		2	2	2			9
24	9						40
6	2						9
3	17		1				27
3		2	1				
18		2	8	2			49
242	9	2	37	10		7	121
172	26	17	20	10		3	192
73	9	10	1	3		3	45
3		2					
39	9	7	6	2		20	76
24			6	2			22
9	9			2		1	4
21			6			3	9
36	9	2	2	3			72
79	17	3	6	5		7	49
42	17	19	12	2			45
24		2	4			7	4
15	3		2			1	13
88	1		7	3			63
224			1	5			31
42			2				18
179		5	1	2		1	49
390	9		6	10			107

월 Month.	해역 Area		낚시수 No. of hooks	계 Total	참다랭이 BFT	황다랭이 YFT	날개다랭이 ALB
	위도 Lat.	경도 Long.					
9	64 00	110	10000	151		11	
	64 00	115	5000	44		4	
	64 00	135	5794	75		4	
	64 00	140	7084	125		7	
	64 00	150	4574	42		7	
	64 00	160	2652	7		1	
	64 00	165	12805	288		137	3
	64 00	170	47760	1173		486	140
	64 00	175	37645	1184		865	28
	64 05	085	16000	351			
	64 05	090	62205	1459		50	
	64 05	100	5160	31			
	64 05	105	58340	773		22	
	64 05	110	22500	551		32	
	64 05	165	2470	20		4	
	64 10	090	82075	2707		50	
	64 30	170	8400	132		4	119
	64 30	175	14000	453		7	420
	61 00	145	10719	108		50	
	61 00	160	8449	224		144	
	61 00	165	131079	4009		2825	112
	61 00	170	208671	7704		6018	56
	61 00	175	62231	2122		1578	28
	61 05	160	17062	228		61	2
	61 05	165	2757	8		4	
	61 05	170	2756	74		58	
	61 10	145	15050	388		40	294
	61 10	150	22540	703		68	526
	61 10	170	2762	37		18	
	61 15	150	28070	924		94	694
	61 15	175	2756	101		86	2
	62 00	145	20140	358		169	
	62 00	150	2709	13		7	
	62 00	155	22687	589		292	
	62 00	160	142933	4955		3676	21
	62 00	165	28425	944		775	21
	62 00	170	174791	6535		5041	266
	62 00	175	159991	5551		3989	406
	62 05	170	3080	77		18	49
	62 05	175	5000	67		29	28

군다랭이 BET	가다랭이 SKJ	황새치 SWO	녹새치 BUM	홍새치 STW	백새치 WHM	돛새치 SAI	기타 Others
106	9		5	2			18
18	9		2	2			9
27	26						18
85	4	2					27
24		2					9
6							
112				5			31
411			11	5		13	107
224		8	7	2		1	49
						351	
		1	14	8		1301	85
30		1					
560		17	24	2			148
466	9		11	2			31
15			1				
		2	7	10		2540	98
9							
24		2					
51		2	1				4
70			1				9
808	34	7	17	2		3	201
1032	9	12	27	2		16	532
293	34		14	2		3	170
127			4			3	31
							4
6			1				9
33		8					13
73				2		3	31
15							4
121				2			13
3			1				9
160			1			10	18
3						3	
275			1			3	18
1044	9	7	14	2		16	166
94	9		2			3	40
856		13	17	5		10	327
899	26	3	9	3		10	206
6							4
6							4

월 Month.	해역 Area		낚시수 No. of hooks	계 Total	참다랭이 BFT	망다랭이 YFT	날개다랭이 ALB
	위도 Lat.	경도 Long.					
	62 10	170	6410	214		1	168
	62 10	175	10200	184		14	154
	62 15	165	3120	73		4	63
	62 15	170	4480	138		14	119
	62 20	150	2058	19			7
	62 20	155	1930	20		1	14
	62 20	160	1927	15		1	14
	62 20	170	4790	150		22	126
	62 20	175	4940	138		29	98
	62 25	155	3851	74		4	70
	63 00	150	15851	326		144	
	63 00	170	8635	105		29	1
	63 00	175	54480	1428		1081	56
	63 05	120	10620	144		22	
	63 05	125	10530	102		25	
	63 05	130	4965	38		14	
	63 05	135	28845	660		50	420
	63 05	140	23295	516		115	126
	63 05	145	15600	418		94	105
	63 05	150	59120	1246		191	322
	63 05	155	10400	371		155	49
	63 05	170	23310	516		295	49
	63 05	175	6925	116		58	28
	63 10	130	125694	3575		256	2544
	63 10	135	133107	3413		425	1822
	63 10	140	122373	3215		267	1892
	63 10	145	137765	3354		386	1577
	63 10	150	78922	1549		151	813
	63 10	155	44903	1032		90	722
	63 10	160	18465	306		7	238
	63 10	175	1790	25			21
	63 15	125	23416	388		25	259
	63 15	130	52602	1433		65	1100
	63 15	135	19802	330		43	231
	63 15	140	10016	223		4	189
	63 15	150	24000	324		32	245
	63 15	155	14249	358		14	315
	63 15	160	1650	25			21
	63 15	175	11040	240		18	189
	63 20	135	21920	381		79	266
	63 20	150	17645	538		22	448

눈다랭이 BET	가다랭이 SKJ	황새치 SWO	녹새치 BUM	청새치 STM	백새치 WHM	돛새치 SAI	기타 Others
30		2					13
9		7					
3		3					
3		2					
1		2					9
1							4
		2					
		2					9
175		3					4
61	9		1				4
239		3	1	2		10	36
100							22
64	9						4
15							9
94	9		2				85
248		2				7	18
209			1				9
696		3	1	2			31
148	9		1				9
166		2					4
24		2					4
596	17	19	2	2			139
769	9	10	5	3		3	367
814	17	7	9	2		10	197
998	26	2	19	3		16	327
439	9	7	6	2		10	112
142	17		2	2		3	54
42		5	1				13
							4
88		7					9
227	9		1				31
54		2					
21							9
36				2			9
18		2					9
							4
15							18
27							9
48		2					18

월 Month.	해역 Area		낚시수 No. of hooks	계 Total	참다랭이 BFT	황다랭이 YFT	날개다랭이 ALB
	위도 Lat.	경도 Long.					
10	63 20	155	1841	30		14	3
	63 20	160	10320	201		1	175
	63 20	165	3440	29		1	21
	63 20	175	1600	36		4	28
	63 25	135	1909	73			63
	63 25	140	1798	39		1	28
	63 25	150	7404	88		4	63
	63 25	155	195873	4713		94	4191
	63 25	160	26512	605		7	554
	63 25	165	43608	1291		90	1051
	63 25	170	5364	126		14	98
	63 25	175	1764	45		4	35
	64 00	080	10840	400		18	
	64 00	095	7980	50		4	
	64 00	100	5880	18		4	
	64 00	105	3180	15			
	64 00	110	32643	282		22	
	64 00	115	2730	32		4	
	64 00	160	5749	84		50	
	64 00	165	4560	104		40	
	64 00	170	16200	299		25	168
	64 00	175	57516	1479		941	1
	64 05	085	26830	957		4	
	64 05	090	10500	310			
	64 05	100	5400	34		4	
	64 05	105	6201	24		1	
	64 05	110	14245	142		25	
	64 05	170	43444	1758		1312	140
	64 05	175	10850	225		184	3
	64 10	085	27000	602		1	
	64 10	090	79000	1903		40	
	64 10	095	3000	13			
	64 15	160	28000	580		285	210
	64 25	170	16800	239		11	210
	62 10	160	11752	285		11	182
	62 10	170	21276	661		83	441
	62 10	175	36160	886		76	617
	62 15	175	1617	77		7	35
	63 00	155	18620	301		83	28
	63 00	165	72852	1181		714	133

눈다랭이 BET	가나랭이 *SKJ	황새치 SWO	녹새치 BUM	고등어 SOM	참치 WHM	돛새치 SAI	기타 Others
6			1				13
3							18
							4
							4
1							9
1							9
2			1				18
230	9	8	12	5		3	161
18		3	1				22
70			1	3			76
1							13
6							
			1	2		213	166
30		2	1				13
3				2			9
9		2					4
182		3	1	2			72
24							4
30							4
64							
88		2				3	13
297	34	7	13			7	179
		13				560	380
		2				174	134
15				2			13
1							22
76		2	1	2			36
175		2	12	2		3	112
24			1				13
			1			282	318
		2	2	2		980	877
						13	
82		3					13
18							
33		3		2			54
27		3					107
45		2				3	143
3			1				31
33	9						148
278	34	5	1			7	9

월 Month.	해역 Area		낚시수 No. of hooks	계 Total	참다랭이 BFT	황다랭이 YFT	날개다랭이 ALB
	위도 Lat.	경도 Long.					
	63 00	170	274563	4704		3088	757
	63 00	175	70150	658		458	35
	63 05	140	59455	799		306	84
	63 05	145	40015	642		97	196
	63 05	150	21990	499		61	133
	63 05	155	86030	1857		685	785
	63 05	160	23270	556		166	91
	63 05	165	56955	1419		677	392
	63 05	170	329072	6987		4314	1472
	63 05	175	89472	1203		541	420
	63 10	120	4944	40			21
	63 10	130	2460	68			28
	63 10	135	52465	881		105	631
	63 10	140	193953	3581		299	2334
	63 10	145	377593	6406		1128	3672
	63 10	150	115239	2027		267	1317
	63 10	155	192987	3424		414	2404
	63 10	160	56710	1103		76	673
	63 10	165	7200	98		7	49
	63 10	170	1740	16			7
	63 10	175	12626	280		43	154
	63 15	120	88699	1733		76	1500
	63 15	125	65623	1236		11	813
	63 15	130	4510	64			42
	63 15	135	73318	1187		97	981
	63 15	140	10280	200		7	133
	63 15	145	4250	121		25	21
	63 15	150	436	93		11	49
	63 15	155	3360	66		14	28
	63 15	160	29226	646		18	498
	63 15	165	3965	55		4	35
	63 20	125	2570	49			28
	63 20	130	4090	60		4	14
	63 20	135	4850	40		4	14
	63 20	160	3479	72		4	42
	63 20	165	6880	94		4	56
	64 00	080	36200	1306		90	
	64 00	110	2580	14		4	
	64 00	165	2340	45		14	
	64 00	170	19600	597		180	175
	64 00	175	27290	833		299	35
	64 05	080	12520	1157		4	
	64 05	085	9000	498		4	

눈다랭이 BET	가나랭이 SKJ	황 새 치 SWO	녹 새 치 BUM	경 새 치 STM	각 새 치 WIM	돛 새 치 SAI	기 타 Others
829		2	6	2		16	4
154			2	2		3	4
342	52	2		2		7	4
94		3	1				251
94				2		3	206
318	43	5	4			13	4
27	69	2	1			3	197
251	86	5	2	2			4
980	181	3	8	7		13	9
215	9	3	4	7			4
6							13
18							22
136				2		7	
841	52	8	5	5		33	4
1513	26	15	11	12		20	9
433		2	1	3			4
545	26	5	2	8		16	4
100	9	5	1	2			237
15							27
							9
9				2			12
148		7		2			
130		3		2			277
9							13
97			2	3		7	
21						3	36
21							54
6							27
		2					22
24	9	2	1	2		3	89
3							13
3							18
9				2			31
9							13
3	2	2	1				18
3	4						27
			1	2		1124	89
						1	9
9							22
45	2	2				1	192
121		2					376
		2				1147	4
		2		3		462	27

월 Month.	해역 Area		낚시수 No. of hooks	계 Total	참다랭이 BFT	황다랭이 YFT	날개다랭이 ALB
	위도 Lat.	경도 Long.					
11	64 05	175	6860	156		47	
	64 10	085	39000	666			
	64 25	150	2580	27			7
	61 00	165	9600	364		108	14
	61 00	175	8190	140		65	
	61 05	160	7200	217		79	14
	61 10	140	5571	41		4	
	61 15	145	2590	155		14	84
	61 15	150	22540	1123		177	806
	62 00	140	32620	265		144	1
	62 00	150	2600	57		11	14
	62 00	160	44664	443		310	7
	62 00	165	8575	81		18	
	62 00	170	18015	413		166	7
	62 00	175	34815	677		270	7
	62 05	145	7800	216		11	91
	62 05	150	1300	245		18	56
	62 05	155	7800	117		40	7
	62 05	160	2002	60		4	14
	62 05	165	8548	309		40	42
	62 05	170	94797	2380		966	1044
	62 05	175	7665	208		47	56
	62 10	155	3367	85			63
	61 00	175	16205	249		155	
	61 05	175	2150	24		14	
	62 00	160	12531	518		404	
	62 00	165	60750	2703		2184	49
	62 00	170	17108	508		368	14
	62 00	175	96272	2920		1914	14
	62 05	165	11890	411		306	7
	62 05	170	27041	724		259	245

다랭이 BET	가다랭이 *SKJ	황새치 SWO	녹새치 BUM	홍새치 JUM	검새치 JUM	돛새치 SAI	기타 Others
33							76
						406	260
9	2						9
61		2					179
12							63
30							94
15							22
9				3			45
85			2	7		46	
100		10	1				9
12		2					18
118			2	2			4
15						3	45
48		3	1				188
76		2	1			3	318
45		2					67
64							107
21							49
15							27
79							148
348		3		3		3	13
27		2					76
9							13
73			2			1	18
6							4
94			1			1	18
327	9	2	8			3	121
97		2					27
741	34	5	8	3			201
61			1				36
179		3	1			1	36

월 Month.	해역 Area		낚시수 No. of hooks	계 Total	참다랭이 BFT	황다랭이 YFT	날개다랭이 ALB
	위도 Lat.	경도 Long.					
	62 05	175	26671	1035		541	308
	62 10	170	5550	144		47	77
	62 10	175	13200	303		36	196
	62 15	175	11570	267		32	203
	63 00	165	40503	982		332	56
	63 00	170	111778	2205		814	1
	63 00	175	134842	3855		2634	7
	63 05	150	44870	959		461	126
	63 05	155	36012	1105		724	147
	63 05	160	4382	46		22	3
	63 05	165	111448	2432		930	224
	63 05	170	319480	7213		4187	953
	63 05	175	154460	3760		2508	252
	63 10	135	56460	1302		58	757
	63 10	140	15620	345		36	161
	63 10	145	113446	2795		501	939
	63 10	150	66194	1396		515	441
	63 10	155	100313	2096		151	1605
	63 10	160	43438	801		47	624
	63 10	165	75483	1828		295	1128
	63 10	170	9370	204		61	105
	63 10	175	26640	563		126	294
	63 15	120	18536	606		4	484
	63 15	125	54886	1205		27	911
	63 15	130	211780	6588		198	5508
	63 15	135	137457	3467		231	2593
	63 15	140	13070	375		97	168
	63 15	145	4135	145		36	70
	63 15	155	9600	226			112
	63 20	120	16735	548		14	427
	63 20	125	7150	201			182
	63 20	130	65131	2038		29	1766
	63 20	135	41544	1191		32	967
	64 00	160	4400	52		25	
	64 00	165	68512	1554		432	491
	64 00	170	174029	3962		1308	35

눈다랭이 BET	가다랭이 *SKJ	황새치 SWO	녹새치 BUM	■ 불새치 STM	백새치 STM	돛새치 SAI	기 타 Others
145		2				3	36
15						1	4
21	9			2		3	36
30		2					
563		2	1			1	27
1177		2	5	2		7	197
1041			9			16	148
303			5			1	63
197		2	2	2			31
21		5	7			1	112
1153		8	25	3		7	640
1356	34	2	7	2		7	277
696	9						
399		2	2	2		1	81
130							18
998		2	11	3		10	331
360		3	5	2		3	67
185		8	5	5		7	130
85		2	1	2			40
275	9	2	2	3		7	107
27		2					9
39		2	1			7	94
24							94
188		2	1	2			54
475	9	3	11	8		23	353
405			6	5		3	224
82			1				27
39							
24				5			85
24		2					81
6							13
61		2	5	2		7	166
54			4	3		10	121
27							
563		2	2			1	63
2351		5	7	2		3	251

월 Month.	해역 Area		낚시수 No. of hooks	계 Total	참다랭이 BFT	황다랭이 YFT	날개다랭이 ALB
	위도 Lat.	경도 Long.					
12	64 00	175	45630	1342		771	28
	64 05	165	4560	72		25	
	64 05	170	11400	215		79	
	64 05	175	4450	35		7	
	64 10	085	87000	1795		32	
	61 00	170	23600	586		277	
	61 00	175	37515	1274		735	
	61 05	175	11350	622		436	
	62 00	150	2600	31		22	
	62 00	155	7800	141		72	
	62 00	160	4464	245		184	
	62 00	165	169080	6960		5402	217
	62 00	170	46898	1457		1178	7
	62 00	175	8712	122		50	1
	62 05	160	4464	42			
	62 05	165	43190	2145		1661	217
	62 05	170	132921	5056		2822	1065
	62 05	175	17457	402		187	91
	62 10	170	1700	22		1	21
	63 00	160	4328	33		14	1
	63 00	165	14595	163		79	7
	63 00	170	44015	1110		584	28
	63 00	175	122779	2609		1377	14
	63 05	150	54500	967		306	161
	63 05	155	84067	1870		760	708
	63 05	160	25756	509		86	301
	63 05	165	12450	262		90	42
	63 05	170	104625	2277		962	392
	63 05	175	33040	895		432	49
	63 10	130	6400	290		54	182
	63 10	135	4300	184		36	112
	63 10	145	49200	1236		209	540
	63 10	150	15900	262		101	35
	63 10	155	27840	579		148	343

순다랭이 BET	가다랭이 •SKJ	황새치 SWO	녹새치 BUM	장 BOM	고 WEL	돛새치 SAI	기 타 Others
472			5			3	63
45		2					
130		2					4
24							4
1		2	5	8		767	980
233			6			3	67
421			8			7	103
						8	46
182			4				
9							
67		2					
61							
1035	60	20	12	2		20	192
166	17	3	7			7	72
67							4
42							
227	2	2	2			3	31
974	4	8	13	3		1	166
73	1	3	2	2		3	40
9							9
54	9		1				13
411	26	3	4				54
1068	34	3	12			3	98
451			6			3	40
281			1	8			112
67			4	2			49
106	2						22
705	60	8	13			7	130
166	2	2	26	2		1	215
54							
36							
360	4		5	3		3	112
112			1				13
39		2	2	2		3	40

월 Month.	해역 Area		낚시수 No. of hooks	계 Total	참다랭이 BFT	황다랭이 YFT	날개다랭이 ALB
	위도 Lat.	경도 Long.					
	63	10	4130	72		7	56
	63	10	42048	721		105	512
	63	10	9460	98		18	70
	63	10	12522	205		25	112
	63	15	10400	290			252
	63	15	52440	1431		7	1296
	63	15	46500	1276			1030
	63	15	130808	2841		105	2278
	63	15	82409	2508		288	1710
	63	15	9064	240		14	168
	63	15	2048	50		4	35
	63	15	33788	888		169	477
	63	20	34216	642		4	547
	63	20	131427	3436		65	2635
	63	20	80102	2152		79	1696
	63	20	21769	680		18	519
	64	00	15210	329		47	
	64	00	46519	1079		414	7
	64	00	213884	8151		4854	7
	64	00	24420	499		216	7
	64	00	55106	995		299	42
	64	05	6000	128			
	64	05	8460	128		25	
	64	05	19500	498		155	
	64	05	23756	561		342	1
	64	05	2800	51		25	1
	64	10	21000	239			
	64	10	66000	1225		4	

눈다랭이 BET	가다랭이 SKJ	황새치 SWO	녹새치 BUM	가다랭이 SKJ	가다랭이 SKJ	돛새치 SAI	기타 Others
6		3					
61	3	2	1	3		3	31
			1				9
48			1			1	18
		2					
30		3	1				4
73			4	2			49
36	9	2	1	10			188
221		2	11	5		13	206
339			1	7		20	143
6						7	45
1			1				9
106			7	2		20	107
61			1	2			27
405		24	15	5		10	277
218			1	8		7	143
12	3			5		7	116
269	2	2					9
596	9	2	4	2			45
2905	77	5	18	8			277
215	9	3					49
566	9		1	2			76
						128	
94							9
245	69		2				27
194			2				22
21							4
			1			229	9
		3	1			1150	67



1978

월 Month.	해역 Area		낚시 수 No. of hooks	계 Total	참다랭이 BFT	와다랭이 YFT	날개다랭이 ALB
	위도 Lat.	경도 Long.					
1	61 00	175	4900	54		17	1
	61 05	175	2200	30		25	
	61 10	170	6900	100		33	31
	61 10	175	4800	67		24	27
	62 00	170	20999	256		119	36
	62 00	175	17298	335		179	18
	62 05	165	69302	2377		1081	742
	62 05	170	215749	6908	1	3222	2495
	62 05	175	296501	7891	1	2705	3398
	62 10	165	20800	532		126	381
	62 10	170	51699	1644		463	991
	62 10	175	80470	3283		871	1892
	62 15	175	7440	155		34	117
	63 00	145	2275	30		8	
	63 00	150	37985	663		192	
	63 00	155	4500	108		23	
	63 00	165	5746	49		11	12
	63 00	170	9005	255		63	85
	63 00	175	16766	261		123	6
	63 05	135	23200	245		94	
	63 05	140	5200	134		102	
	63 05	145	28850	739	3	203	86
	63 05	150	10100	180		63	52
	63 05	155	9900	529		100	175
	63 05	160	2100	70		20	30
	63 05	165	120388	1993		406	750
	63 05	170	36425	1013		283	390
	63 05	175	116196	4042		1453	1467
	63 10	110	2570	49		1	28
	63 10	125	44025	671		9	234
	63 10	130	28910	458		19	149
	63 10	135	46735	967	7	72	526
	63 10	140	15026	179		17	144
	63 10	150	16090	389		133	68
	63 10	170	7038	177		71	78
	63 10	175	13672	323		69	215

눈다랭이 BET	가다랭이 SKJ	황새치 SWO	녹새치 BUM	백새치 WIM	청새치 STM	돛새치 SAI	기 타 Others
32	2				1		1
4			1				
25			8			3	
14						2	
86		1	1		7	1	5
64	18		1		7	5	43
411	1	1	17		13	5	106
908	27	10	64		36	18	127
1384	123	15	72		35	20	138
17			7		1		
135		3	10		9	33	
306	34	14	8		30	13	115
1			1		2		
19			1			1	1
446	12		5		3		5
80	2				2	1	
19			1				11
89	6		1				
128					1	3	
145			2				4
32							
421	8		3		12	1	2
62			1		1		1
138					2		114
15							5
759		14	31		15	5	13
262			13		3	10	52
566	373	3	25		33	16	106
13		3	2		1		1
385	0	4	15		15	1	2
243	2	3	4		8	2	28
332			1		28		1
8	1		6		2		1
154		1	10				23
25					3		
28		1	1		2	5	2

월 Month.	해역 Area		낚시수 No. of hooks	계 Total	참다랭이 BFT	황다랭이 YFT	날개다랭이 ALB
	위도 Lat.	경도 Long.					
1	63	15	110	5170			40
	63	15	115	12940		2	254
	63	15	120	30845		3	414
	63	15	125	105822		60	1781
	63	15	130	68496		15	1041
	63	15	135	20323		3	220
	63	15	140	24000	8	21	332
	63	15	145	2100		35	60
	63	15	170	43363		207	735
	63	15	175	25619	5	202	476
	63	20	120	2700			39
	63	20	125	2800			115
	63	20	175	4488		20	147
	64	00	155	7428		76	
	64	00	160	104000		1317	7
	64	00	165	239108		5847	15
	64	00	170	123290		2744	19
	64	00	175	41575		403	30
	64	05	085	7225			
	64	05	090	44355			
	64	05	160	15569		150	
	64	05	165	29961		276	2
	64	05	175	6325		77	1
	64	10	090	147200		233	4
2	61	00	170	28053		299	119
	61	00	175	34890		345	17
	61	05	165	8700		19	
	61	05	175	4833		13	14
	62	00	165	16480		83	23
	62	00	170	266293	4	4260	1306
	62	00	175	172138	5	2138	230
	62	05	150	11270		203	2
	62	05	155	1950		10	
	62	05	165	7380		95	79
	62	05	170	117874	4	1481	1081
	62	05	175	132165	2	1119	821
	62	10	165	21120		163	623

눈다랭이 BET	가나랭이 *SKJ	황새치 SWO	녹새치 BUM	백새치 WHM	청새치 STM	돛새치 SAI	기타 Others
16		9					2
36		2	7		2		6
94		4	9		1		8
350	4	10	20		43	7	53
205			34		12	7	4
97			14				
102			1		13		
14							15
58			21		4	2	
20			6		12	1	
4			1		1		4
					2		8
47					4		
2015	239	18	14		33	2	93
2332	675	18	81		32	8	133
1038	299	178	35		22	12	100
622	4		36		40	3	19
3					1	80	1
4			3		1	1487	12
247	31	160	1		1		12
377	128	7	10		12	3	56
73	10	1	6		2		1
		7	5		25	4950	1
64	4		8		7		2
179	3		9		7		3
183			1				
14			4				
34	44						
972	184	6	132		60	19	212
781	67	7	94		45	39	61
25					4	1	
3							
40			4			2	8
673	1	2	34		37	6	8
627	65	3	31		28	16	112
82			14				

월 Month.	해역 Area		낚시수 No. of hooks	계 Total	참다랭이 BFT	황다랭이 YFT	날개다랭이 ALB
	위도 Lat.	경도 Long.					
2	62	10	6335	61		13	22
	62	10	16323	253	2	37	136
	62	15	9954	107		16	85
	62	15	2046	18			17
	62	20	1694	15			15
	63	00	5500	38		6	
	63	00	2700	22		7	
	63	00	13000	63		28	1
	63	00	76221	1282	1	686	24
	63	05	44800	660		133	157
	63	05	46600	694	4	207	229
	63	05	46760	854		309	225
	63	05	77431	1612		312	666
	63	05	51488	1922		299	848
	63	05	19875	319		71	132
	63	05	34111	795		215	335
	63	05	42919	543	2	233	108
	63	10	14300	107			
	63	10	12400	120			52
	63	10	44380	1641		337	487
	63	10	24982	476		123	220
	63	10	23595	625		80	452
	63	10	11200	253		58	108
	63	10	4098	73		26	32
	63	15	15970	148		45	76
	63	20	18403	494		32	439
	64	00	55785	2205		32	
	64	00	5210	79		23	
	64	00	140825	5738		2964	9
	64	00	155136	4490		1972	2
	64	00	67700	1689	4	1103	25
	64	05	43180	1224			
	64	05	37964	909		384	2
	64	05	53159	1496		777	1
	64	05	54771	1608		843	1
	64	10	216800	7756		25	19

눈다랭이 BET	가다랭이 •SKJ	황새치 SWO	녹새치 BUM	백새치 WHM	청새치 STM	돛새치 SAI	기 타 Others
25			1				
64	6		3				5
3			3		1		
29			1				2
14					1		
28			3		3		
486	18	3	33		18	2	11
295		11	15		16	3	30
237		2	9		4	2	
308			11		1		
563			10		14	7	40
727		8	6		34		
103					9	4	
225	5		11				4
142	11	2	22		3	2	18
97		2	4		3	1	
56		2	3		6	1	
783		4	22			3	5
123		2	6				2
82					6	5	
78		1			2		6
15							
15			11			1	
10			6		7		
19			1		3	2148	2
28	7		2			1	18
2456	162	10	34		17	1	85
2134	124	16	24		53		165
499	22	1	17		8		10
			3		3	1215	3
334	58		10		10	2	109
672	5	4	12		9		16
648	21	4	15		3	2	71
		20	17		21	7652	2

월 Month.	해역 Area		낚시수 No. of hooks	계 Total	참다랭이 CFT	꽂다랭이 YFT	날개다랭이 ALB
	위도 Lat.	경도 Long.					
2	64	10	15835	363		186	10
3	61	00	12078	318		263	1
	61	00	28434	433		312	21
	61	00	16254	316		252	12
	61	00	98523	2656		1606	50
	61	05	5060	18		7	
	61	05	5600	59		41	
	61	05	2652	99		54	3
	61	05	17445	286		159	5
	62	00	15010	530		475	
	62	00	24065	2116		2037	3
	62	00	8000	271		74	150
	62	00	50881	678		339	100
	62	00	36583	509		288	39
	62	00	31244	580		199	217
	62	05	2520	112		41	30
	62	05	20631	232		67	27
	62	05	24431	387	1	154	106
	62	05	129375	3115	1	808	1733
	62	10	2154	16		1	5
	62	10	239339	6355	13	1598	3508
	62	15	31756	970		222	641
	63	00	9600	179		40	7
	63	00	41944	983		283	82
	63	00	26700	393		217	2
	63	00	59820	725		364	40
	63	05	16500	95		28	36
	63	05	15350	152		38	28
	63	05	198953	4223	20	473	1988
	63	05	126784	3528		749	669
	63	05	80435	1779		380	801
	63	05	323697	8543	4	1932	4672
	63	10	17320	236		54	138
	63	10	15816	237		49	128
	63	10	57730	1343	9	458	655
	64	00	82640	4265		6	

눈다랭이 BET	가다랭이 SKJ	황새치 SWO	녹새치 BUM	백새치 WHM	청새치 STM	돛새치 SAI	기 타 Others
159		1	7				
45		1	2		6		
93			7				
46			6				
759	119	4	36		10	7	65
11							
15			3				
25	2	1			2		12
80	9		6		4		23
55							
64		2	3			5	1
12	13		6			6	10
125	81		8		4	2	19
100	66		10		5		1
122	5		19		11	2	5
7	14		4				16
131			1		3	2	1
91	3	1	10		4	4	13
474	12	3	29		38	2	15
10							
1095	8	8	34		28	28	35
98			9				
110		7			14		1
379	25	14	37		4	16	143
98	18	3	20				35
247	1	4	34		15	1	19
20		2	2		4	3	
62		4	5		11	4	
1558	5	12	62		35	25	45
1774	53	15	39		37	42	150
510	5	1	22		15	7	38
1512	38	11	104		94	11	165
33			11				
54			1		1	2	2
147	6		1		23	6	38
	1		2		4	42 49	3

월 Month.	해역 Area		낚시수 No. of hooks	계 Total	참다랭이 BFT	왕다랭이 YFT	날개다랭이 ALB
	위도 Lat.	경도 Long.					
3	64 00	090	7000	352		4	
	64 00	165	34907	639		251	29
	64 00	170	59271	976		482	16
	64 00	175	109658	2371		1321	58
	64 05	080	46145	1457		41	
	64 05	085	19095	860		4	
	64 05	095	21250	1200		9	
	64 05	165	17478	255		108	
	64 05	170	8248	84		37	5
	64 05	175	40499	897		468	6
	64 10	080	2800	22			
	64 10	090	7400	223		4	
	64 10	175	2800	5		2	
4	61 00	150	36184	2462		869	
	61 00	155	175782	9159		7868	6
	61 00	160	22115	871		724	
	61 00	170	2827	35		5	
	61 00	175	50841	594		327	6
	61 05	150	2585	58		54	
	61 00	155	7920	313		273	
	62 00	155	53863	1331		1085	1
	62 00	160	106800	2482		1786	169
	62 00	165	33385	664		417	95
	62 00	170	4350	37		18	
	62 00	175	23840	257		166	1
	62 05	155	12287	321		268	
	62 05	160	42680	1256		1028	65
	62 05	165	48285	1030		492	264
	62 05	170	147285	3217		1218	1302
	62 05	175	133858	3093	9	740	1390
	62 10	170	27175	565		199	236
	62 10	175	174169	3278	3	931	1480
	62 15	170	1770	47		7	29
	63 00	155	5000	24		16	2
	63 00	165	53027	1993		331	571
	63 00	170	28311	528		91	181

눈다랭이 BET	가나랭이 *SKJ	황새치 SWO	늑새치 BUM	백새치 WHM	청새치 STM	돛새치 SAI	기 타 Others
						216	132
222	57	3	25		9	4	41
319	51	3	17		14	4	70
764	92	2	55		18	17	44
			7		1	1402	6
			5		24	818	9
					3	1083	105
141			3				3
37			5				
309	34		12		17	2	49
					7	14	
		1			2	216	1
2			1				
1579			3		5	2	4
1174	38	3	35		21	3	11
138		1			8		
3	25				1		1
146	96	3	8		6		2
4							
34			1				
135	72	1	16		7	4	10
377	95	9	12		21	4	9
122	2		20		4		4
14					2		3
65			8		6	1	10
44		2	3		3	1	
105	3	4	19		8	8	16
207			42		23		2
561		1	60		18	15	42
831		3	20		18	1	81
110			18				
589			48		43	6	59
9			2				
3	1	1					1
781	117	4	25		1	6	157
216		5	20		1	3	11

월 Month.	해역 Area		낚시수 No. of hooks	계 Total	참다랭이 BFT	황다랭이 YFT	날개다랭이 ALB
	위도 Lat.	경도 Long.					
4	63 05	155	20700	482		72	205
	63 05	160	27650	773		126	269
	63 05	165	84186	2271		272	977
	63 05	170	118606	2759	4	442	1649
	63 05	175	52214	957	2	151	501
	63 10	165	27010	1084	7	108	836
	63 10	170	5974	214		9	183
	63 10	175	16568	438	10	134	203
	63 15	170	6948	94		9	64
	63 15	175	1900	26		5	12
	63 25	165	13720	224		7	203
	63 25	175	5860	57		1	45
	63 30	150	5938	79		5	59
	63 30	155	19676	302		22	259
	63 35	135	54216	2936		3	2717
	63 35	140	69957	4461		23	4361
	63 35	145	63084	2177			2091
	63 35	150	13270	474	1		461
	64 00	080	118065	3452			
	64 00	085	1700	15			
	64 00	095	15750	367		9	
	64 00	145	9593	56		8	1
	64 00	150	13625	226		92	
	64 00	155	4735	33		28	
	64 00	170	2652	16		3	
	64 05	080	5485	152			
	64 05	085	1660	57			
	64 05	090	67865	3728		12	
	64 05	095	37500	1525		47	
	64 05	150	36330	369		85	
	64 05	155	2750	20			
5	61 00	150	3370	109		106	1
	61 00	155	107006	3306		2809	2
	61 00	160	40430	1650		1512	1
	61 00	165	22360	497		407	
	61 00	170	2600	47		22	
	61 00	175	2600	16		10	

눈다랭이 BET	가다랭이 SKJ	황 새 치 SWO	녹 새 치 BUM	백 새 치 WHM	청 새 치 STM	돛 새 치 SAI	기 타 Others
167		1	17			14	6
348			15			3	12
718	119	9	29		10	8	129
480	83	10	25		40	8	18
234	5	2	11		15	4	32
116	5	2	1		6		3
11			3		2	1	5
65	4	1	2		6	5	8
15			6				
7			2				
10		1	3				
9							2
3					1		11
9			7		2		3
5		4	4		4		199
43		1	17		14		2
2		2	3		2		77
4							8
1		1				3450	
						15	
					7	351	
37	4		1		2		3
123			6		2		3
4							1
9		1			2	1	
						152	
						57	
		10			17	3689	
					25	1453	
267	5		4		4		4
19			1				
2							
410	25	3	23		20	13	1
109		1	12		4	6	5
68		2	4		9	3	4
23					2		
6							

월 Month.	해역 Area		낚시수 No. of hooks	계 Total	참다랭이 BFT	왕다랭이 YFT	날개다랭이 ALB
	위도 Lat.	경도 Long.					
5	61 05	155	6100	242		209	
	61 05	165	2527	510		348	148
	61 05	170	30324	1108		734	209
	62 00	155	7397	102		73	
	62 00	160	68840	2969		2642	2
	62 00	165	357092	11953		10564	239
	62 00	170	48504	2343		2092	55
	62 05	155	13480	186		70	
	62 05	160	73600	2565	2	1301	690
	62 05	165	162969	7087		4831	1494
	62 05	170	261989	11237		6101	3762
	62 05	175	62411	1579		820	548
	62 10	170	29242	646		235	198
	62 10	175	7660	116		33	56
	62 35	135	35862	2128		12	2056
	63 00	165	2280	131		16	26
	63 00	170	2660	43		13	21
	63 00	175	7300	109		38	30
	63 05	085	23574	209		81	2
	63 05	165	15868	345		27	174
	63 05	170	116643	3793		1062	2072
	63 05	175	26500	977		214	581
	63 10	165	7368	189		27	112
	63 10	170	81440	2677		725	1663
	63 25	135	4459	87			64
	63 25	140	2359	42			29
	63 25	155	20290	553		7	532
	63 25	160	4095	84		1	77
	63 25	165	14280	310		19	272
	63 30	130	8578	138			131
	63 30	135	67486	3024		5	2885
	63 30	140	94921	4425		5	4285
	63 30	145	6439	160			148
	63 30	150	52532	3570			3468
	63 30	155	20400	1064		3	1043
	63 30	175	2338	108			107

눈다랭이 BET	가다랭이 SKJ	황 새 치 SWO	녹 새 치 BUM	백 새 치 WHM	청 새 치 STM	돛 새 치 SAI	기 타 Others
18	14				1		
4			5		2	3	
108			22		18	15	2
24					4		1
193	1	1	55		55	6	14
874	33	13	55		97	43	35
171			10		3		12
81	20		3		9		3
317	141	3	57		35	12	7
469	80	8	129		58	10	8
719	227	3	314		23	56	32
155			50			3	3
199			13				1
15					6		6
49			2		9		
66	3						
6		2	1				20
35			3				3
74			4		32		16
127	6		2		4	2	3
528	26	7	38		15	8	37
138		3	11		11		19
32	6		1		2	1	8
227		16	1		16		29
5	2		1			2	13
2					1		10
1			12				1
2			2				2
5			7		3		4
							7
14		1	7		7		105
34	2	17	6		4		72
2			2				8
5		5	14		2		76
3			11		2		2
							1

월 Month.	해역 Area		낚시수 No. of hooks	계 Total	참다랭이 BFT	황다랭이 YFT	날개다랭이 ALB	
	위도 Lat.	경도 Long.						
5	63	35	135	230151	15221	2	8	14979
	63	35	140	197625	8995		14	8843
	63	35	145	19900	293		2	267
	63	35	150	20094	1232			1204
	63	35	155	3990	299			299
	63	35	160	2100	42			35
	64	00	080	3533	111			
	64	00	095	25271	578		1	
	64	00	105	20550	122		8	
	64	00	110	2563	20		7	
	64	00	150	3035	5		1	
	64	05	080	1500	103			
	64	05	085	1700	73			
	64	05	170	3035	38		9	2
6	61	00	165	2790	94		63	
	61	00	170	8011	227		174	
	61	00	175	26727	621		554	
	61	05	175	7920	388		369	
	62	00	155	5920	209		131	
	62	00	160	10655	384		273	
	62	00	165	32202	1740		1285	
	62	00	170	169608	7061		6173	118
	62	00	175	144457	5998		4375	769
	62	05	170	73852	2564		1466	761
	62	05	175	139635	5551		3265	1486
	63	00	170	11441	330		161	112
	63	00	175	120267	3624		1992	790
	63	05	085	7970	27		18	1
	63	05	170	149796	6208		1967	3220
	63	05	175	311836	11736		4998	4577
	63	10	080	28810	262		70	64
	63	10	085	2335	10			1
	63	10	090	2500	5			
	63	10	170	10514	272		97	137
	63	15	080	34449	500		33	224
	63	15	085	26436	316		18	82

눈다랭이 BET	가나랭이 SKJ	황새치 SWO	녹새치 BUM	백새치 WHM	평새치 STM	돛새치 SAI	기 타 Others
26		18	12		19		157
48	5	3	9		16		57
18					2		4
1			6		1		20
4			2				1
99		2			50	111	6
101		3			2	420	8
13							
4							
21					5	103 73	1
28			1		2		
43		1	3		5		1
57					8		2
16		1	1		1		
73			3		2		
101		3	3		4		
315	118	3	4		1	9	5
514	147	4	28		27	11	39
669	41	8	48		47	19	22
179	55		73		15	6	9
513	179	1	65		31	7	4
51			1		4		1
614	93	8	41		31	6	49
5			1		2		
808	69	2	37		11	6	88
1334	576	8	110		55	43	35
104		9	1		6		8
6							3
1							4
33			5				
147		12					83
134							82

월 Month.	해역 Area		낚시수 No. of hooks	계 Total	참다랭이 BFT	황다랭이 YFT	날개다랭이 ALB
	위도 Lat.	경도 Long.					
6	63 20	080	9505	92			6
	63 20	085	6735	80			29
	63 25	135	183936	4289		259	3728
	63 25	140	196124	3862		355	3121
	63 25	145	129344	3287		297	2606
	63 25	150	124186	3337		141	2867
	63 25	155	79195	2503		42	2263
	63 25	160	51679	2130		25	1957
	63 25	165	16170	514		18	371
	63 25	170	7000	290		5	273
	63 30	135	6536	134			122
	63 30	140	42778	865		10	803
	63 30	145	3360	42			39
	63 30	150	39559	1755		14	1651
	63 30	155	34799	1606		8	1495
	63 30	160	3990	42		1	36
	63 35	135	80546	4144		2	4075
	63 35	140	57698	2559			2541
	63 40	170	3360	88		38	27
	64 00	135	8880	150		15	
	64 00	140	10095	130		10	
	64 00	155	20475	541		466	
	64 00	160	26325	356		302	
	64 00	175	6210	38		25	
	64 05	135	9520	100		10	
	64 05	150	2800	14		1	
	64 05	155	8216	110		77	
7	61 00	165	37945	930		826	
	61 00	170	72571	2964		2822	2
	61 00	175	15860	326		289	
	61 10	170	7800	298		188	64
	62 00	165	9360	198		164	12
	62 00	170	28185	594		523	4
	62 00	175	44219	1313		586	476
	62 05	160	3360	158		31	82

눈다랭이 BET	가다랭이 SKJ	황새치 SWO	녹새치 BUM	백새치 WHM	청새치 STM	동새치 SAI	기 타 Others
35							51
20							31
154	19	5	19		37	10	58
178	21	4	10		46	6	121
121	69	4	8		43	3	136
90	26	5	30		9	9	160
38	15	3	28		8		106
46			4		21		77
12	73	5	28			5	2
7			1		2		2
7			2		1		2
19	1	3	6		2	1	16
5		3					
3		2	11		10		27
3		1	1		1		20
3			1				2
3		2					60
5		5			6		1
71							
135							
116		3					1
59		1			11		2
42					11		1
10					2		1
85			3				1
13							
28					4		1
64		3	22		1	7	5
107	4	2	10		9	7	1
33		1	2		1		
36		1	9				
17			3		1		1
54		3			7		3
212	3		12		3		21
44					1		

월 Month.	해역 Area		낚시수 No. of hooks	제 Total	참다랭이 BFT	황다랭이 YFT	날개다랭이 ALB
	위도 Lat.	경도 Long.					
7	62 05	165	18515	1332		1228	42
	62 05	170	6235	89		54	23
	62 05	175	33150	1145		305	700
	63 00	150	8898	76		15	32
	63 00	155	158	141		55	79
	63 00	160	54145	1128		543	409
	63 00	165	31007	1541		625	357
	63 00	170	45694	1104		487	267
	63 00	175	120684	4764		2060	1668
	63 05	105	10780	82		28	1
	63 05	110	2535	2			
	63 05	120	2648	873		315	325
	63 05	150	5095	74		12	31
	63 05	155	44782	1225		345	474
	63 05	160	56376	1687		541	730
	63 05	165	113918	3737		1349	1496
	63 05	170	309396	20575	2	5998	10998
	63 05	175	463064	34125		11494	16359
	63 05	180	12580	369		120	178
	63 10	100	2900	48			26
	63 10	165	2806	73		22	41
	63 10	170	9316	227		85	118
	63 15	080	10955	94		7	38
	63 15	085	59311	880		59	394
	63 15	090	5200	34		1	3
	63 15	095	22654	764		44	595
	63 20	080	13802	177		6	66
	63 20	085	20494	337		18	162
	63 20	090	8090	92		8	18
	63 20	095	21458	344		26	103
	63 20	135	28196	516		61	350
	63 20	140	14568	324		22	172
	63 20	160	8386	391		9	261
	63 20	170	50280	2610		60	2305
	63 20	175	3750	137		19	51
	63 25	130	23970	949		49	803
	63 25	135	390630	13905		655	11606
	63 25	140	80324	1851		149	1423
	63 25	145	62067	2104		147	1830
	63 25	150	78738	2041		125	1768

눈다랭이 BET	가다랭이 *SKJ	황새치 SWO	녹새치 BUM	백새치 WHM	청새치 STM	동새치 SAI	기 타 Others
56			2			3	1
11			1				
109			11		9	3	8
28							1
		2			5		
136		2	12		19		7
532		9	1		8		9
289	27	1	9		15		9
982		9	18		9	1	17
39			6			1	7
			1				1
188			25		20		
28					3		
388		1	4		9		4
371	25	5	6		5	1	3
741	61	3	23		21		43
3013	67	7	206		230	7	47
4956	780	38	315		99	50	34
59		1	9		1		1
9			6		2		5
7		2			1		
12			7				5
28		2					19
224		10	1		2		190
9							21
74		3	3		2		43
46		4					55
87		10			3		57
47							19
152		2			1		60
20	53				8		24
9	102	4			12		3
16	16	2	6		2		29
27	173	10	6		24		42
1	22	2					
25	14	1			8	2	47
596	386	19	8		203	31	201
141	27	9	3		47	1	51
89		3	20				15
58		2	17		2	6	63

월 Month.	해역 Area		낚시수 No. of hooks	계 Total	참다랭이 BFT	황다랭이 YFT	날개다랭이 ALB
	위도 Lat.	경도 Long.					
7	63 25	155	53451	1277		48	1106
	63 25	160	36456	1682		31	1584
	63 25	165	337838	15240		521	13092
	63 25	170	118016	6183	4	319	5353
	64 00	130	2380	8		1	
	64 00	135	2380	8		2	
	64 00	145	3146	52		45	
	64 00	150	2925	139		72	54
	64 00	155	57641	1164		502	365
	64 00	160	17771	346		186	86
	64 00	165	24245	552		397	
	64 00	170	2925	88		47	
	64 05	105	5560	38		6	
	64 05	130	10881	64		13	
	64 05	135	9000	49		12	
	64 10	175	15965	368		69	182
	64 15	170	2600	69		10	50
8	61 00	155	54670	1890		1694	
	61 00	160	65105	1624		1336	
	61 00	165	35720	985		746	
	61 00	170	43140	1130		1064	
	61 00	175	56868	1098		976	
	61 05	155	12280	376		358	
	61 05	160	5800	126		105	
	62 00	155	23115	553		459	
	62 00	160	33891	534		342	
	62 00	165	40430	976		828	
	62 00	170	85624	1979		1311	237
	62 00	175	76951	1945		724	760
	62 05	115	1930	55		8	39
	62 05	120	1930	77		12	22
	62 05	170	265308	7399		1883	4013
	62 05	175	209918	6309		1639	3008
	62 10	170	82759	2262		275	1689
	62 10	175	27557	641		103	409
	62 15	170	6600	110		13	89

눈다랭이 BET	가다랭이 SKJ	황새치 SWO	녹새치 BUM	백새치 WHM	청새치 STM	노새치 SAI	기 타 Others
39	3		17		4	3	57
32	4	1	12				18
664	462	37	95		40	6	319
185	222		58		9		37
6						1	
5							1
4			3				
12					1		
262		5	14		10		6
64		4	1		1		4
144		1	2		8		
40					3		
28			3				1
46			2			1	2
34		1					2
111			6				
7			2				
151		3	15		12	3	11
227		2	24		3	14	18
107		2	8		4	4	14
53	7	1	4		1		
83		3	23		7	1	5
10					5	3	
16			5				
85					5	1	3
173		1	4		12	1	1
121		4	6		6	1	10
319	4	1	10		20	1	76
383	38	5	8		16	3	8
4			2				2
43							
1330	36	11	40		34	11	41
1128	318	10	42		59	22	83
261	1	2	19		10	2	3
90		2	4		6		27
5							3

월 Month.	해역 Area		낚시수 No. of hooks	계 Total	참다랭이 BFT	황다랭이 YFT	날개다랭이 ALB
	위도 Lat.	경도 Long.					
8	62 20	160	6493	157		19	122
	62 20	165	2096	54		20	31
	62 25	160	1950	64		6	57
	62 25	165	24568	981		126	741
	63 00	135	2178	855		170	590
	63 00	155	2925	73		41	
	63 00	160	8775	123		91	
	63 00	165	36963	988	2	228	274
	63 00	170	103456	3178		2150	264
	63 00	175	58893	3171		1283	1195
	63 05	150	10600	285		63	102
	63 05	160	3150	38	1	10	14
	63 05	165	29487	523		152	190
	63 05	170	65317	5237		1036	2806
	63 05	175	93056	7335		2004	3500
	63 10	130	7800	136		18	65
	63 10	140	10480	212		51	62
	63 10	145	10550	224		40	61
	63 10	150	24450	1109		125	502
	63 10	170	22528	1715		287	1126
	63 10	175	7466	561		148	277
	63 15	090	5080	95		7	39
	63 15	130	15080	283		23	147
	63 15	165	2900	113		60	23
	63 15	170	6200	108		22	77
	63 15	175	9552	314		104	157
	63 20	080	3300	35			
	63 20	085	20245	285		9	119
	63 20	090	151124	2301		126	868
	63 20	095	12408	176		14	41
	63 20	130	7555	123		28	70
	63 20	155	2275	590		45	285
	63 20	160	2145	645		80	195
	63 20	165	36610	682		38	522
	63 20	170	88747	2762		146	2320
	63 20	175	5120	168		21	121
	63 25	085	28000	256			79
	63 25	090	7560	101			37
	63 25	130	39200	1426		52	1281

눈다랭이 BET	가다랭이 SKJ	황새치 SWO	녹새치 BUM	백새치 WHM	청새치 STM	돛새치 SAI	기 타 Others
10			1		5		
			1		2		
1							
34			3		37		40
75			20				
31					1		
21			8				3
446	10	2	9		10	1	6
708	8	4	12		7	4	31
598		9	32		15	2	37
109							11
12							1
159		2	6		6	1	7
972		1	229		155	1	37
1518	44	2	149		92	5	21
39	4	1			3		6
78		6	1		6	2	6
105		2			3		13
376	41	4	1		9	6	45
281			20		1		
79		1	56				
21							28
84	5	1			4	4	15
30							
3		2			2		2
40	3	1	4		5		
12		1					22
113		3					41
966		17	2				322
75		1					45
17		1			3		3
160					100		
280					90		
38	46		20		14		4
101	59	3	49		17	3	64
11		1			4		10
140		1					36
43							21
28	8	1			11	3	42

월 Month.	해역 Area		남시수 No. of hooks	계 Total	참다랭이 BFT	황다랭이 YFT	날개다랭이 ALB
	위도 Lat.	경도 Long.					
8	63 25	135	324118	22983		263	222202
	63 25	140	20600	849		12	81
	63 25	145	24295	1188		40	1090
	63 25	150	13010	423		21	371
	63 25	155	85055	8464		361	6813
	63 25	160	16682	352		17	311
	63 25	165	171551	8195		429	7202
	63 25	170	303528	13289	6	900	10888
	63 25	175	5709	120		29	67
	63 00	085	2478	29			4
	64 00	060	5850	172		163	
	64 00	150	7773	77		18	
	64 00	155	63211	1256		646	
	64 00	160	181892	3752		2252	
	64 00	165	49233	858		625	
	64 00	170	19420	266		193	
	64 00	175	53175	1354		1179	
	64 05	090	15010	136			
	64 05	135	4400	63		18	
	64 05	145	8050	133		39	
	64 05	150	16005	204		72	
	64 05	155	26611	258		121	
	64 05	160	8385	77		51	
	64 05	165	2955	22		5	
	64 05	175	2800	32		21	
	64 25	145	10490	230			74
	61 00	155	18590	336		310	
	61 00	165	7805	112		44	
	61 00	175	2751	23		20	
	61 10	155	2100	5		2	
	61 30	170	3225	138			9
	61 35	165	3010	253			
	62 00	150	38688	1337		856	
	62 00	155	36699	440		359	
	62 00	170	7434	529		461	
	62 00	175	11712	355		155	36

눈다랭이 BET	가다랭이 SKJ	황색치 SWO	녹색치 BUM	백색치 WHM	청색치 STM	돛색치 SAI	기 타 Others
102	18	9	11		103	6	269
18			3		4		1
48		3	2				5
12		1	11				7
974		14	26		170		106
11		2			5		6
351	41	28	35		17	7	80
773	196	11	125		35	14	343
16			1		1		6
21							2
1			6		2		
59							
592			6		5		7
1413		16	25		27		19
200		3	19		6		5
121	2	7	3				
162		1	3		6	3	
		1	3		4	127	1
43		1					1
81	3	5	4			1	
126							
126		1	5		5		
22			4				
12		1	4				
4			3		1		3
132			2		20	2	
16					5	3	2
66			1		1		
2					1		
3							
15							114
3		1			1		248
466					13		2
72					8		1
25	42					1	
86	74	3					1

월 Month.	해역 Area		낚시수 No. of hooks	계 Total	참다랭이 BFT	황다랭이 YFT	날개다랭이 ALB
	위도 Lat.	경도 Long.					
9	62 05	160	18137	352		32	218
	62 05	165	21481	441		64	225
	62 05	170	5299	98		4	62
	62 05	175	2318	12		1	11
	62 10	160	11087	183		35	119
	62 10	170	10618	2738		364	1753
	62 10	175	43992	763		121	499
	62 15	160	12896	231		58	151
	62 15	170	3850	42		9	23
	62 20	160	12761	301		39	205
	62 20	165	2011	43		2	34
	62 20	170	2400	44		9	28
	62 20	175	8400	92		29	42
	62 25	160	11775	290		59	185
	62 25	165	11037	316		21	258
	62 25	175	36225	1105		266	719
	63 00	140	2830	32		10	1
	63 00	145	8490	152		65	11
	63 00	150	6026	38		20	
	63 00	155	26155	327		165	7
	63 00	160	80610	1398		636	35
	63 00	165	116489	3563		1060	660
	63 00	170	50643	1256		555	138
	63 00	175	21570	327		164	49
	63 05	140	8450	201		35	31
	63 05	145	2700	27		7	13
	63 05	150	81629	2146		308	809
	63 05	155	61859	1654		192	754
	63 05	160	12743	451		46	239
	63 05	165	53533	1305		261	698
	63 05	170	36103	1088		88	623
	63 05	175	37913	730		57	390
	63 10	140	2925	17		2	9
	63 10	145	7359	104		14	67
	63 10	150	52413	1350		165	603
	63 10	155	7131	115		22	68
	63 10	160	54188	1453		120	837
	63 10	165	27480	550		56	378
	63 10	170	42399	2575		169	1845

눈다랭이 BET	가다랭이 *SKJ	황새치 SWO	녹새치 BUM	백새치 WHM	청새치 STM	돛새치 SAI	기타 Others
88		4	5		3		2
124		5	7		9	2	5
31		1					
18			5		6		
583		1	13		12	10	2
87	42		5				9
10			2		10		
7					1		2
21		2			16		18
4					1		2
3					1		3
2	2		17				
6		3			14	4	19
16			1		1		9
36	10		26				48
21							
69		1	3		1		2
17			1				
136		5	2		4		8
673	12		20		10		12
1740	8	3	32		17	5	38
396	19	10	15		1	57	66
89	18		3		3	1	
130					1		4
5			1		1		
899	19	15	17		26	2	51
636	37	3	2		12	1	17
149	4	3			2		8
267	22	2	14		10		31
312	10	6	13		16	13	7
198	72	4	4		4	1	
3					2		1
23							
511	8	7	3		13		40
16	3	1	1		1		3
446	14	6	13		2	1	14
79		2	4				31
420	21	2	83		15	12	8

월 Month.	해역 Area		낚시수 No. of hooks	계 Total	참다랭이 BFT	황다랭이 YFT	날개다랭이 ALB
	위도 Lat.	경도 Long.					
9	63 10	175	111722	3264		277	2432
	63 15	085	18620	302		95	111
	63 15	090	7746	98		5	54
	63 15	095	24704	688		63	403
	63 15	100	28516	726		48	491
	63 15	135	11230	3594		166	1338
	63 15	160	9760	61		9	32
	63 15	165	17249	306		21	218
	63 15	170	7224	79		7	38
	63 15	175	70164	1721		292	1014
	63 20	085	28960	447		121	77
	63 20	090	62911	893		131	330
	63 20	095	5040	88		23	12
	63 20	100	5570	46		10	
	63 20	135	4235	1565		150	885
	63 20	155	3920	757		105	292
	63 20	170	10219	107	10	6	81
	63 20	175	13528	93		31	52
	63 25	085	2394	13			
	63 25	090	25020	425		10	235
	63 25	130	4445	645		1	250
	63 25	135	163709	10496		69	9496
	63 25	140	3150	1196		9	917
	63 25	145	2050	549		40	249
	63 25	155	60725	7487		489	4510
	63 25	165	9216	351		59	255
	63 25	170	104015	3484		474	2609
	63 25	175	63604	1710		524	961
	63 30	085	22316	343			154
	63 30	135	11700	365		3	357
	64 00	075	9360	215			
	64 00	105	11670	137			
	64 00	110	8910	77			
	64 00	115	4510	40			
	64 00	135	2940	82			
	64 00	150	25902	205			
	64 00	155	192622	3398			
	64 00	160	233310	5650			
	64 00	165	18505	374			
	64 00	170	113559	3417			
						2599	

눈다랭이 BET	가다랭이 •SKJ	황새치 SWO	녹새치 BUM	백새치 WHM	청새치 STM	돛새치 SAI	기 타 Others
443	13	12	20		20	3	44
33		6	1		2		54
13		4					22
67		16	2		10		127
40		10	2		25		110
1493			2		550		45
9			5				6
14	5	1			15		32
6		1	2		11	1	13
252	5	5	53		34	38	28
173		7					69
275		9			1		147
17		2					34
21					4		11
70					330		130
8			16		300		38
4						5	1
1		2	3		4		
11							2
119		2			1		58
40			1		150		203
91		1	1		18	9	811
10					140		120
45					180		35
1436		6	30		570		346
21		1	3			1	11
290	5		15		26		65
111			29		40		45
166		2					21
5							
					3	211	
118		1	2		5		1
53		1	2		3		2
35		1	1		1		
13							
107		1	6		2		
1302	16	23	32		22	1	21
2502	5	21	34		43	10	39
95		3	3		2	5	1
493	210	2	43		8	3	59

월 Month.	해역 Area		낚시수 No. of hooks	계 Total	참다랭이 BFT	황다랭이 YFT	날개다랭이 ALB
	위도 Lat.	경도 Long.					
9	64 00	175	66845	1528		1162	
	64 00	180	2600	24		20	
	64 05	075	32670	646		1	
	64 05	090	15705	147			
	64 05	105	4400	87		4	
	64 05	110	4620	53		4	
	64 05	115	2200	13		12	
	64 05	120	9020	100		9	
	64 05	125	4400	34		3	
	64 05	130	2200	11		2	
	64 05	135	2200	4			
	64 05	150	2850	3			
	64 05	155	32250	631		275	
	64 05	160	5725	18		1	
	64 05	165	2720	3		1	
	64 10	155	2730	8			
	64 10	160	4200	128		28	71
	64 20	145	33606	283		263	3
	64 20	150	25830	385		9	167
	64 25	140	2575	20			
	64 25	145	37892	540		2	156
	64 25	150	12860	244			182
	64 25	160	2925	46		2	25
	64 25	165	2720	16		2	4
	64 30	170	37375	1038		5	367
10	61 00	160	2730	30		26	
	61 00	165	3570	21		18	
	61 00	175	38850	381		202	4
	61 05	175	2730	29		21	
	62 00	165	157524	4906		4301	1
	62 00	170	112175	4490		3912	5
	62 00	175	161702	3156		2050	169
	62 05	160	33785	658		57	316
	62 05	165	34550	655		192	268
	62 05	170	70992	2107		526	1044
	62 05	175	50244	1011		160	496

눈다랭이 BET	가다랭이 SKJ	황새치 SWO	녹새치 BUM	백새치 WHM	청새치 STM	돛새치 SAI	기 타 Others
338 4		4	17		6		1
			6 3		5 11	630 133	4
82 41			2		4 1		1 2
83 18 6 1 3	8	1	5 1 2 1		1 2	1	2 1
345 16 1		3	2 1		6 1		
7 28			1 1				
			3 5		12 15		2
189 18 332 52 1 10			4 2		1 43 8 7	2	1 1
							11
172					15	2	477
2 3 116 6	10	2	2 6 2		7		34
508 396 695	2 137 15	3 3 10	54 19 26		12 11 13	11 7 12	14
264 182 383 321		3 5 5	7 11 23 1		8 2 11 10	1 2	2 92 18

월 Month.	해역 Area		낚시수 No. of hooks	계 Total	참다랭이 BFT	황다랭이 YFT	날개다랭이 ALB
	위도 Lat.	경도 Long.					
10	62	10	11670	456		258	156
	62	10	5379	45		15	13
	62	10	20800	578		79	386
	62	10	37226	1119		182	721
	62	10	54995	1118		159	785
	62	15	2600	4		1	1
	62	15	12930	427		40	317
	62	20	2600	22		7	11
	62	25	2400	19		8	
	62	25	11600	108		24	57
	63	00	22250	390		97	45
	63	00	81910	1582		969	35
	63	00	69525	1331		487	45
	63	00	67250	1718		455	211
	63	00	40995	467		213	49
	63	00	126827	2482		1381	152
	63	00	164044	3304		1820	346
	63	05	4385	1357		352	125
	63	05	11010	328		243	31
	63	05	28410	616		209	114
	63	05	5055	256		10	151
	63	05	15316	241		31	92
	63	05	43440	796		119	427
	63	05	95328	1576		277	572
	63	05	86241	1930		279	1095
	63	05	59045	975		307	359
	63	10	11862	82		12	25
	63	10	17608	233		34	61
	63	10	12764	137		41	32
	63	10	18360	214		10	48
	63	10	6096	127		3	94
	63	10	23025	410		3	390
	63	10	21982	3748		173	2636
	63	10	85591	17455		1407	9755
	63	10	26916	642		46	407
	63	10	38659	875		45	617
	63	10	21099	450		34	235
	63	10	58322	1249		130	857
	63	10	69806	1436		111	1032
	63	10	18890	292		44	163

눈다랭이 BET	가다랭이 SKJ	황새치 SWO	늑새치 BUM	백새치 WHM	청새치 STM	돛새치 SAI	기 타 Others
33			5		1	2	1
8			8		!		
101			12				
190		1	8		7		10
139		1	6		8	5	15
1			1				
67					1		2
4							
4		1			5		1
10	5		9				3
227	8	2	7		1	2	1
528	23	3	12		10		2
774		1	12		9	1	2
1024		2	10		7		9
162		11	9		3	2	18
809	37	13	24		16	2	48
959	1	20	30		54	7	67
860							20
51			1		2		
264	14		12		2		1
25	37		9				24
92	4		6		2		14
201	5	7	7		3		27
664		6	11		9		37
498	6	13	11		14	2	12
229	7	10	33		2	6	22
29		3	2		2		9
78		1	11		6		42
36		3	3		1		22
116		2	4				34
13		2			1		14
9			2		3		3
582		1	1		32		323
4641	21	7	1221		12		391
165	1		13		1		7
159	5	10			14		25
140		2	6		9		24
187		7	10		19	1	36
249	3		10		16	2	13
68	8		4		1	2	2

월 Month.	영역 Area		낚시 수 No. of hooks	세 Total	참다랭이 BFT	황다랭이 YFT	날개다랭이 ALB
	위도 Lat.	경도 Long.					
10	63	10	37891	980		176	649
	63	15	4698	46		17	10
	63	15	15923	256		14	162
	63	15	5910	46		5	14
	63	15	6280	115		5	23
	63	15	15938	234		26	88
	63	15	78980	1814		140	972
	63	15	5984	94		7	50
	63	15	62996	3620		533	2480
	63	15	55790	20303			12541
	63	15	2240	22			20
	63	15	2112	666			336
	63	15	4550	105		4	64
	63	15	42248	767		232	366
	63	20	2992	13			4
	63	20	23464	658		26	257
	63	20	38885	1148		15	630
	63	20	11201	4314		1040	1678
	63	20	27733	465		84	278
	63	25	3000	54			63
	63	25	2280	19		8	3
	64	00	35165	1041		11	
	64	00	22430	524		6	
	64	00	28560	199		27	
	64	00	7800	123			
	64	00	6600	47		4	
	64	00	8770	128		43	
	64	00	37125	829		628	
	64	00	44978	1186		908	2
	64	00	97610	1803		801	1
	64	00	67568	1054		722	7
	64	00	172602	2951		2095	
	64	05	2340	26			
	64	05	5060	22		1	
	64	05	9690	104		5	
	64	05	8280	120		37	
	64	05	24350	257		102	
	64	05	13440	242		35	170
	64	05	5562	23		11	

눈다랭이 BET	가다랭이 *SKJ	황새치 SWO	녹새치 BUM	백새치 WHM	청새치 STM	돛새치 SAI	기타 Others
112	3	4	21		6		9
12		1					6
26		1			10		42
10					7		10
14		1			6		66
16		1	3		11		89
138		3	36		70		455
12		2	2		2		19
693			51		69		276
3958		1	494		1195		1581
			1				1
40			50				240
15		3	1		7		11
47	31		26				65
4		1			2		2
151		5	10		29		180
375		6	18		41		63
363			568		100		565
46			35		3		19
1							
2			5				1
2		1	9		13	1002	3
1			10		7	499	1
143		1	2		15	2	4
116			1		6		
39		1			3		
80	2		2		1		
177		5	9		4	6	
250		6	5		4		11
948	15	4	8		9	3	14
247		1	32		11	2	32
737	25	6	32		22	2	32
			2		1	21	2
11			5		3		2
94			1		2	1	1
68	5	3	6		1		
135		1	2		7		10
12	23		2				
11	1						

월 Month.	해역 Area		낚시수 No. of hooks	계 Total	참다랭이 BFT	황다랭이 YFT	날개다랭이 ALB
	위도 Lat.	경도 Long.					
10	64 10	155	3250	63		35	
	64 10	160	14700	225		13	187
	64 20	140	23853	232		15	7
	64 20	145	21120	290		6	168
	64 20	150	2630	74			52
	64 25	140	40655	506		33	29
	64 25	145	5004	51			6
	64 25	150	16234	310		4	151
	64 25	155	23325	692		33	448
	64 30	140	21647	181			4
	64 30	145	10297	99		1	5
	64 30	150	26130	385		10	126
	64 30	155	16900	234		12	77
11	61 00	140	2800	8		3	
	61 00	150	8200	223		197	
	61 00	155	2800	16		15	
	61 00	160	1950	79		73	
	61 00	170	31200	426		313	
	61 00	175	6000	92		47	
	61 05	175	2925	5		4	
	62 00	160	9565	178		157	
	62 00	165	293834	8163		7068	28
	62 00	170	71176	1509		1242	3
	62 00	175	21919	460		365	3
	62 05	160	7350	90		46	14
	62 05	165	44665	924		238	390
	62 05	170	57500	1300		281	556
	62 05	175	64231	1045		77	691
	62 10	160	13475	355		136	172
	62 10	165	17650	376		32	320
	62 10	165	10000	203		20	145
	62 10	170	58248	1014		95	725
	62 10	175	10210	283		26	208
	62 15	165	2500	46		6	24
	62 15	170	12500	188		11	144
	62 15	175	29716	940		108	711

눈다랭이 BET	가다랭이 SKJ	황새치 SWO	녹새치 BUM	백새치 WHM	청새치 STM	돛새치 SAI	기타 Others
25		1	2				
24			1				
162			1		47		
99			1		16		
22							
365		1	3		74		1
34					11		
74					32		49
50			3		39		119
141			2		29		5
76			1		13		3
128		2	2		23		94
47					20		78
5							
19	2		1		2	2	
1							
4						1	1
96			7		3		5
25	15	1	1		2		1
1							
14		1	4				2
802	24	9	47		16	19	150
174	2	2	15		5	7	59
79		2	7		5	1	
18			2		4		6
149	105		13		3		26
406		1	23		6	2	25
210		1	14		11		41
34			7		3		3
19			2		2	1	
32			1			2	3
120		4	20		4	2	44
42			2		1	4	
2			8				6
9			18			3	3
66		10	27		7	4	7

월 Month.	해역 Area		낚시수 No. of hooks	제 Total	참다랭이 BFT	황다랭이 YFT	날개다랭이 ALB
	위도 Lat.	경도 Long.					
11	63 00	135	4485	25		1	
	63 00	140	55014	786		146	1
	63 00	145	233808	4486		1924	23
	63 00	150	399793	6939		3356	184
	63 00	155	346537	7888		3759	117
	63 00	160	153615	3362		1495	219
	63 00	165	29115	422		173	10
	63 00	170	37582	471		274	8
	63 00	175	58526	1017		810	6
	63 05	140	17642	282		115	15
	63 05	145	52316	686		232	87
	63 05	150	49621	1489		684	146
	63 05	155	19075	595		126	125
	63 05	160	12820	246		67	49
	63 05	165	10770	160		43	75
	63 05	170	2280	21		4	14
	63 05	175	24003	488		127	243
	63 10	130	12588	339		7	260
	63 10	135	220487	12880		377	8149
	63 10	140	76134	8021		526	4433
	63 10	145	26220	3593		564	2038
	63 10	150	24237	3195		464	1591
	63 10	155	17767	491		52	287
	63 10	165	17442	237		12	200
	63 10	170	4380	113		15	83
	63 10	175	34918	638		78	431
	63 15	125	7260	226		2	161
	63 15	130	140277	3856		52	2887
	63 15	135	43470	10266		253	8440
	63 15	170	25157	503		109	337
	63 15	175	32934	998		163	603
	63 20	125	5720	68			40
	63 20	130	27945	413		12	216
	63 20	145	4550	1877		190	962
	64 00	080	19980	107			
	64 00	090	5060	31			
	64 00	095	13585	97		2	
	64 00	145	11180	181		115	
	64 00	150	9880	192		105	
	64 00	155	28708	727		509	
	64 00	160	180898	4294		2876	

눈다랭이 BET	가다랭이 SKJ	황새치 SWO	녹새치 BUM	백새치 WHM	청새치 STM	돛새치 SAI	기타 Others
20			2		1		1
610		2	10		1		16
2389	22	15	39		32	2	40
3092	62	30	97		45	20	53
3744	59	42	78		69	1	19
1565		18	34		14	4	13
213	6	1	6		8	1	4
162		1	5		5	1	15
179		6	9		1	4	2
138		1	5		1		7
306	14	4	13		2		28
491	15	5	5		14		129
119	58	3			7		157
125			4			1	
31			7		1	1	2
1					1		1
109			1		4	1	3
46	4	2	3			3	14
2263	10	15	1437		51	23	555
2449	7	4	218		18	11	355
657	19	2			307		6
958	3	3	2		146		28
105	3	3	5		11		25
22					1		2
10					1		4
100		3	13		5	5	3
27	1	1	1		1	13	19
349	8	5	430		44	24	57
554	11		100			1	907
37		3	8				9
191			10		15	16	
19			3		4		2
129		2	12		30		12
695					30		
42			1		45	9	10
22		1			7		1
74		3	2		12		4
57		1	4		2		2
79			3		5		
150	50	2	3		11		2
1315		8	28		33		34

월 Month.	해역 Area		낚시수 No. of hooks	계 Total	참다랭이 BFT	왕다랭이 YFT	날개다랭이 ALB
	위도 Lat.	경도 Long.					
11	64 00	165	255831	6368		3514	
	64 00	170	81570	2002		1277	1
	64 05	075	2340	42		1	
	64 05	080	1850	391		14	
	64 05	145	8255	130		58	
	64 05	150	2925	55		38	
	64 05	160	24416	417		284	
	64 05	165	12120	135		84	
	64 05	170	13955	262		145	
	64 10	090	8990	427			
	64 15	140	26152	337		11	
	64 20	140	56923	642		26	44
	64 20	145	4948	28		7	
	64 20	150	11700	239		5	90
	64 25	140	7840	40		2	1
	64 25	150	5550	20			4
	64 25	155	15412	285		17	179
	64 30	155	2925	39			22
	64 35	150	11700	1487			1433
	64 35	155	29055	2634	1	1	2470
12	61 00	140	3000	32		23	
	61 00	150	2850	34		15	3
	61 00	160	19410	390		287	
	61 00	165	30840	669		579	23
	61 00	170	19405	405		199	
	61 00	175	48221	1035	1	803	13
	61 05	175	2919	30		37	
	62 00	155	2800	31		25	
	62 00	160	5450	48		42	
	62 00	165	23294	346		212	2
	62 00	170	222418	4085	2	3205	18
	62 00	175	58720	1106		842	
	62 05	145	38164	1022		323	312
	62 05	160	5580	27		16	
	62 05	165	63880	1376		446	508

눈다랭이 BET	가다랭이 SKJ	황새치 SWO	녹새치 BUM	백새치 WHM	청새치 STM	돛새치 SAI	기 타 Others
2131	495	14	50		24	6	134
486	141	3	26		7		61
		1			2	37	1
1			3		277	5	1
62					10		
14		2			1		
127			6				
42			7		2		
95			3		1	1	17
					3	134	
281			2		43		
499			2		66		
23					4		
35	8		2		13		16
23			1		12		1
3					2		16
45		1	1		17		28
7					1		8
5		6			7		36
35		8			20		99
8			1				
12	3					1	
47	4	1	4		1	4	44
37	6	1	5		1	1	16
112					1		
184			13		20		1
3							
5		1					
4			1		1		
83	36		10		1	2	
611	15	10	119		28	10	67
214		4	27		5	5	9
266	68		11		8		34
4					3	4	
310	37	1	13		11	48	2

월 Month.	해역 Area		낚시수 No. of hooks	계 Total	참다랭이 BFT	황다랭이 YFT	날개다랭이 ALB
	위도 Lat.	경도 Long.					
12	62 05	170	26972	486		202	114
	62 05	175	35830	473		188	156
	62 10	145	20241	554		76	296
	62 10	170	6748	108		15	76
	62 10	175	82653	1498		259	999
	62 15	170	14260	406		21	356
	62 15	175	26780	541		100	369
	62 20	140	82122	1078		566	
	62 20	145	239447	3851		1686	35
	63 00	150	290651	4468		1904	77
	63 00	155	203672	2849		1302	77
	63 00	160	102679	1648		624	38
	63 00	165	203329	3596		1193	70
	63 00	170	32506	445		206	15
	63 05	115	18890	95		17	3
	63 05	120	11970	78		22	12
	63 05	145	106030	5145		1468	791
	63 05	150	41757	731		261	116
	63 05	155	4550	1515		75	660
	63 05	160	20860	375		62	73
	63 05	165	21544	419		118	31
	63 05	175	2472	61		19	20
	63 10	115	6410	35		4	15
	63 10	130	10540	83		17	24
	63 10	135	7690	120		6	58
	63 10	140	9383	2903		341	1025
	63 10	145	116476	31156		3064	15065
	63 10	150	9165	1761		110	538
	63 10	155	2275	685		110	255
	63 10	160	27071	649		28	442
	63 10	165	27335	606		66	435
	63 10	170	8000	280		34	217
	63 10	175	53940	1217		171	912
	63 15	115	57566	1923		9	1752
	63 15	120	77294	2197		23	1873
	63 15	125	85623	1725		41	1425
	63 15	130	24050	419		55	128
	63 15	140	2600	32		2	22
	63 15	170	11200	376		71	240

눈다랭이 BET	가다랭이 *SKJ	황새치 SWO	녹새치 BUM	백새치 WHM	청새치 STM	돛새치 SAI	기타 Others
148	4		8		7	2	1
103	7		11		3		5
122	38		7		5		10
12			3				2
146		6	26		7	16	39
6		2	15			4	2
37		1	17		4	6	7
492		2	3		11		4
1916	73	19	43		24	8	47
2297	34	16	74		29	5	32
1335		22	62		26	5	20
859		6	76		13	9	23
2147		13	86		35	18	34
210		2	7		3		2
63		5			1		6
42		1			1		
2521	19	3	69		16	1	257
306	18	5	11		4	4	6
460					320		
217			15		1	2	5
235			12		5	5	13
20		1	1				
13			2		1		
34	1		1		2	1	3
50			4		2		
1435		1			60	1	40
10461	22	1	459		1549		535
865					190		58
220					100		
44	54	6	1		17		57
13	23		2		16		51
29							
65		4	19		5	5	36
81		9	1		38	12	21
105	7	11	8		15	67	88
154	12	2	20		30	14	27
202	2	7	3		6	13	3
2		1	2				3
65							

월 Month.	해역 Area		낚시수 No. of hooks	계 Total	참다랭이 BFT	황다랭이 YFT	날개다랭이 ALB
	위도 Lat.	경도 Long.					
12	63 15	175	123798	2987		612	2001
	63 20	115	67442	1814		15	1464
	63 20	120	105425	2320		36	1898
	63 20	125	37152	846		34	72
	63 20	130	6156	117		3	93
	64 00	140	3000	18		12	
	64 00	145	8580	96		41	
	64 00	150	8850	77		47	
	64 00	155	26809	165		89	
	64 00	160	103204	1973		1375	81
	64 00	165	326995	8789		4410	18
	64 00	170	471367	15119		10091	7
	64 00	175	160599	4343		2872	3
	64 05	085	36900	1714		11	
	64 05	090	42840	1424		1	
	64 05	145	2925	77		19	
	64 05	155	8847	86		18	
	64 05	160	2700	38		5	11
	64 05	170	21330	940		185	
	64 05	175	64143	2048		1927	4
	64 10	090	44270	1244		1	
	64 15	135	21775	241		10	
	64 15	140	10250	50		7	1
	64 15	145	10695	76		1	
	64 20	140	48238	526		11	96
	64 20	145	20831	143		1	
	64 20	150	2925	41		1	1
	64 25	135	11545	317		14	117
	64 25	140	11130	229		1	95
	64 25	145	15580	440		85	293

눈다랭이 BET	가다랭이 *SKJ	황새치 SWO	녹새치 BUM	백새치 WHM	청새치 STM	돛새치 SAI	기 Other
241		7	65		32	21	8
134	6	12	66 15		41	34	93
179	7	7	38		34	23	98
711	2	10	1		13	3	
16			1				5
5		1					
49			1		4		1
25			1		1		3
51		1	10		3		11
439		4	25		11		58
3805	364	27	49		24	3	103
4406	248	25	109		72	3	158
1312	73	9	30		28	1	15
3						1700	
56					5	1418	
27					2		
4					1		2
97			1		2		1
397	289		12		2		7
					18		1
					21	1309	10
148	8		1		20		72
44							5
40			1		9		23
379					21	2	4
109					12		17
12							16
103	1						80
125							
108					2		1

V. 年度別・大洋別・魚種別 漁場 分布図

1975-1978

Geographical distribution of hook rate
and fishing effort
by Species, by sub-area and by year
for

1975-1978



大 西 洋

Atlantic Ocean

1975 - 1978

1. 全魚種의 年別・分期別・釣獲率 및 努力量 分布圖

Distribution of hook rate and fishing effort
of all species by month, by quarter and by year

2. 魚種別・分期別・月別・釣獲率 및 努力量 分布圖

날개다랭이, 황다랭이, 눈다랭이

Distribution of hook rate and fishing effort
by species, by month and by quarter

Albacore, Yellowfin, Bigeye



1975

全 魚 種

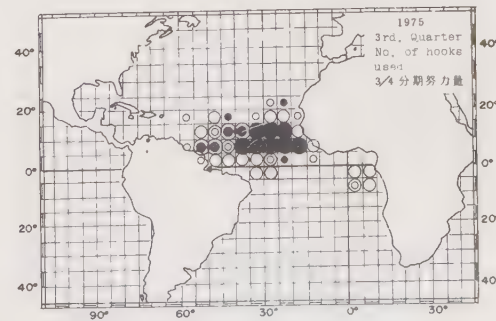
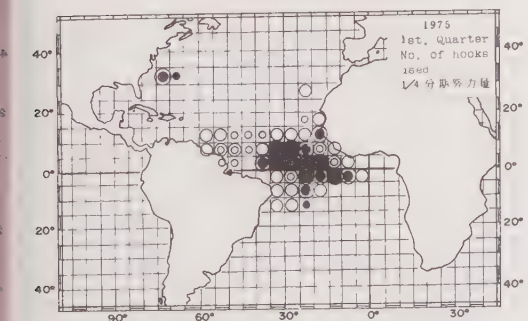
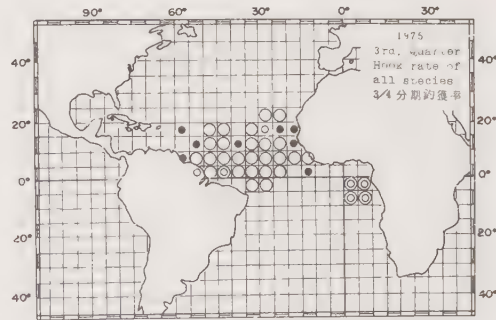
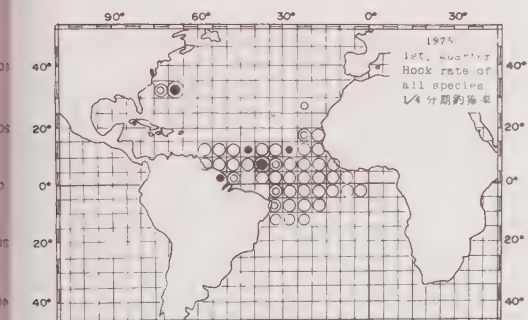
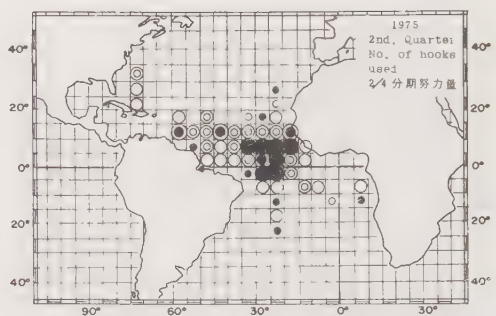
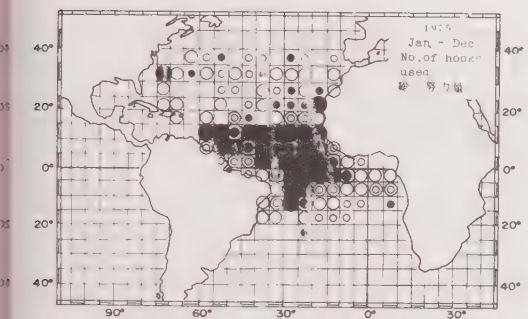
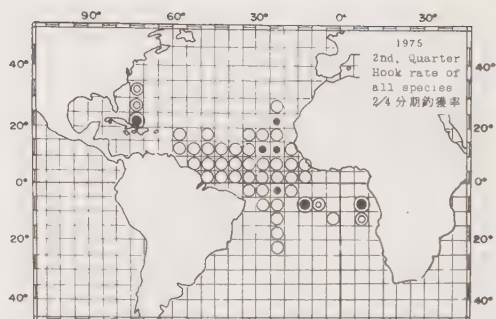
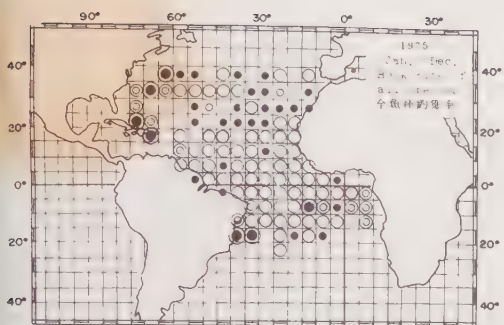
年別・分期別・月別・釣獲率 및 漁獲努力分布圖

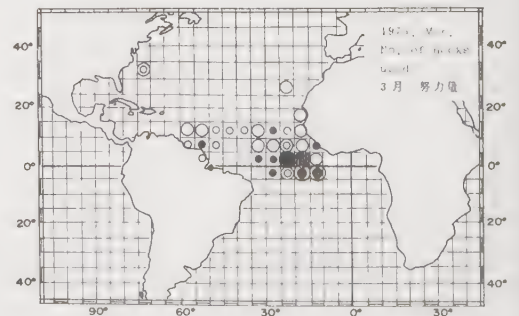
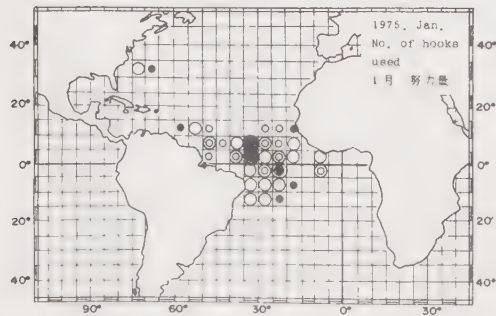
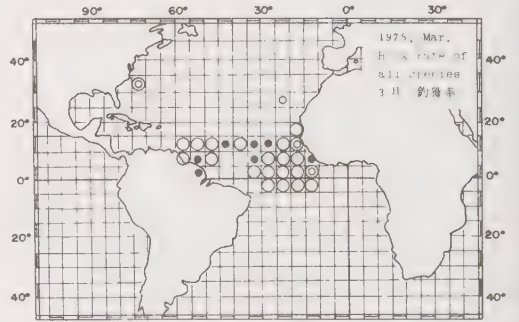
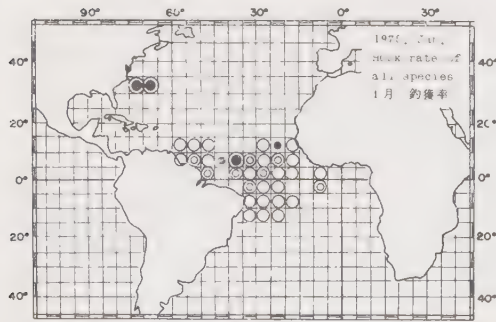
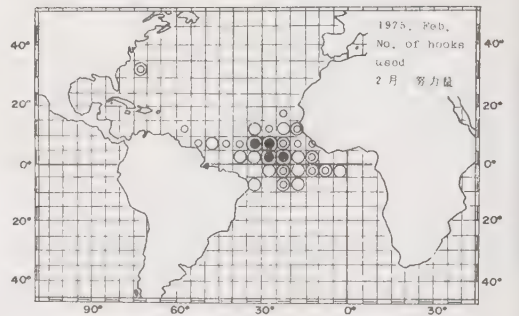
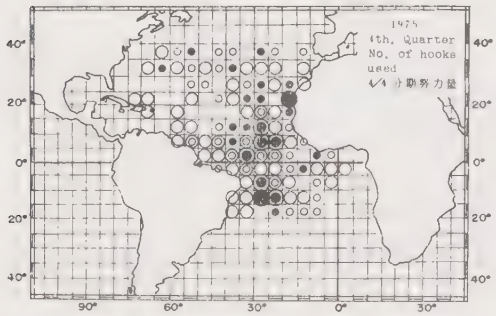
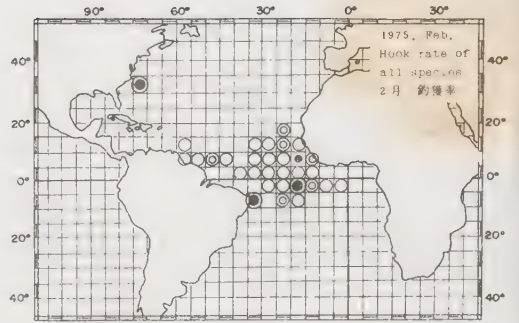
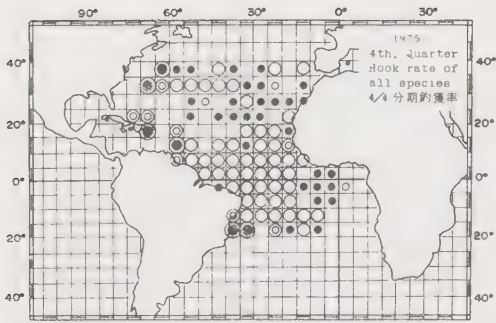
All Species

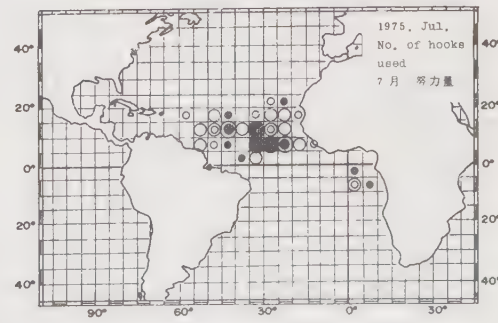
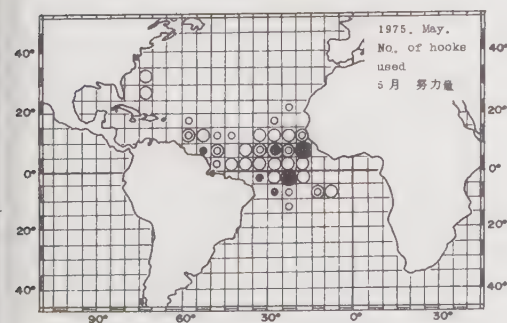
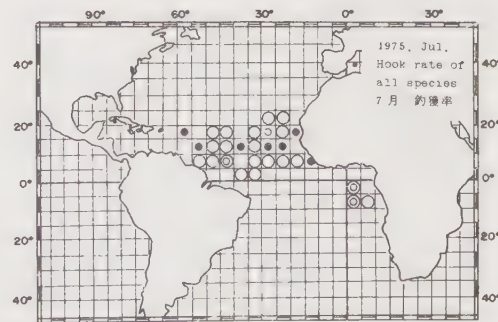
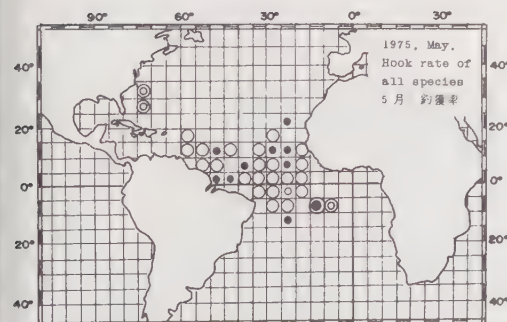
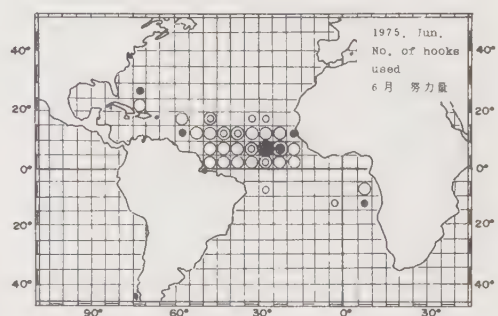
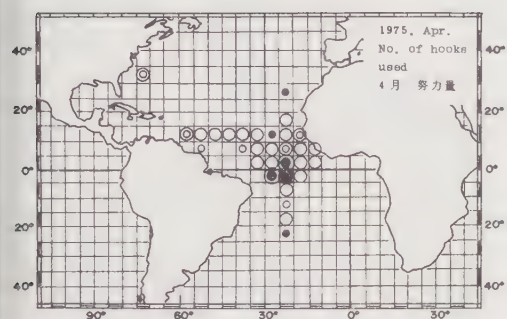
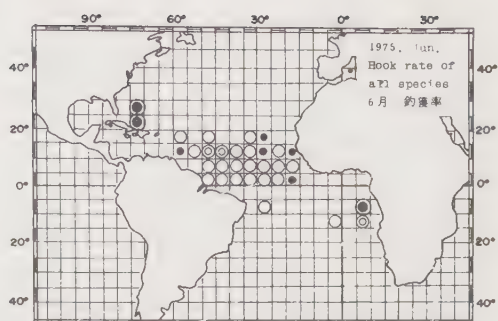
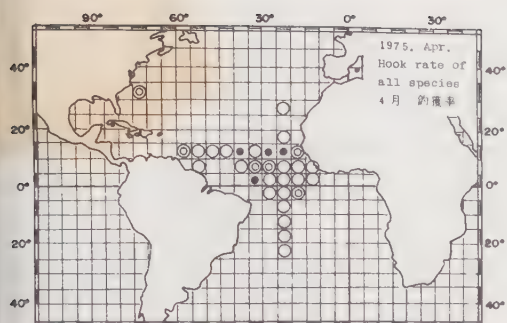
Hook rate and fishing effort by Month,
by quarter and by year

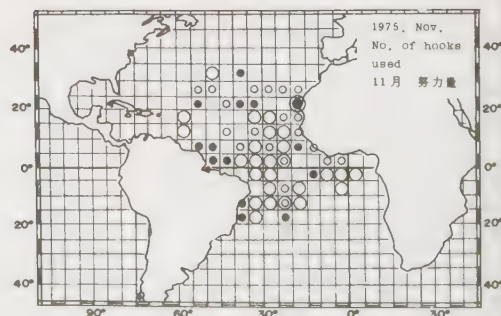
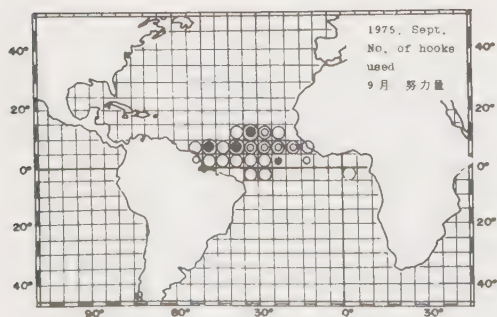
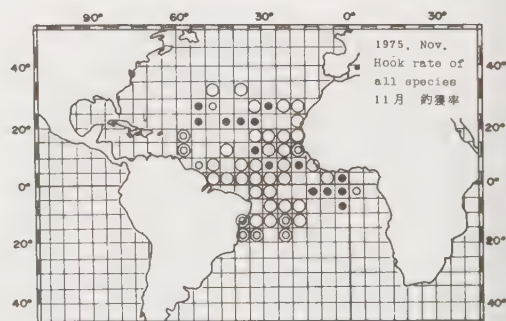
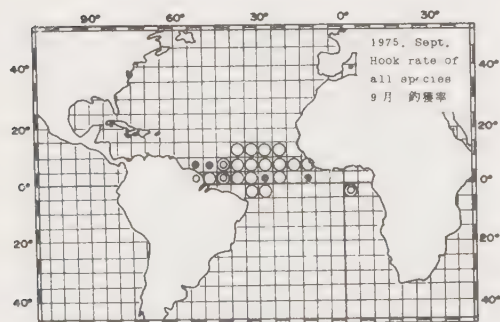
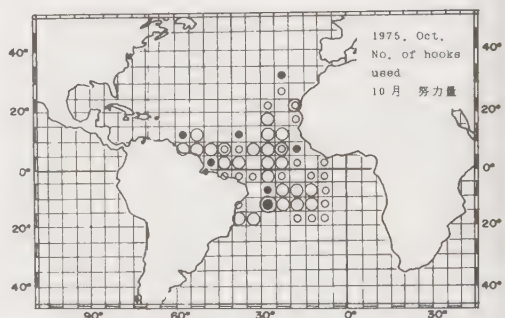
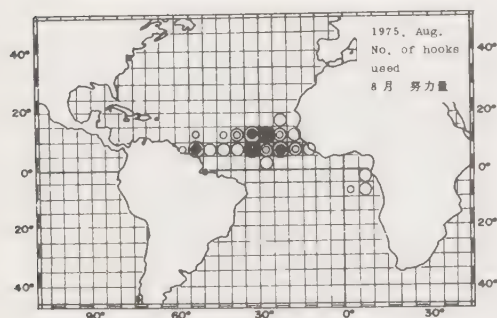
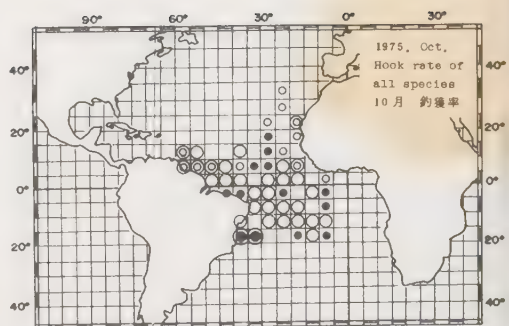
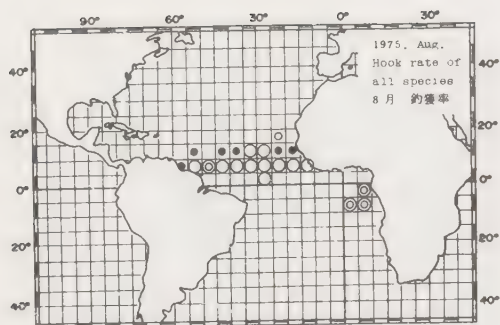
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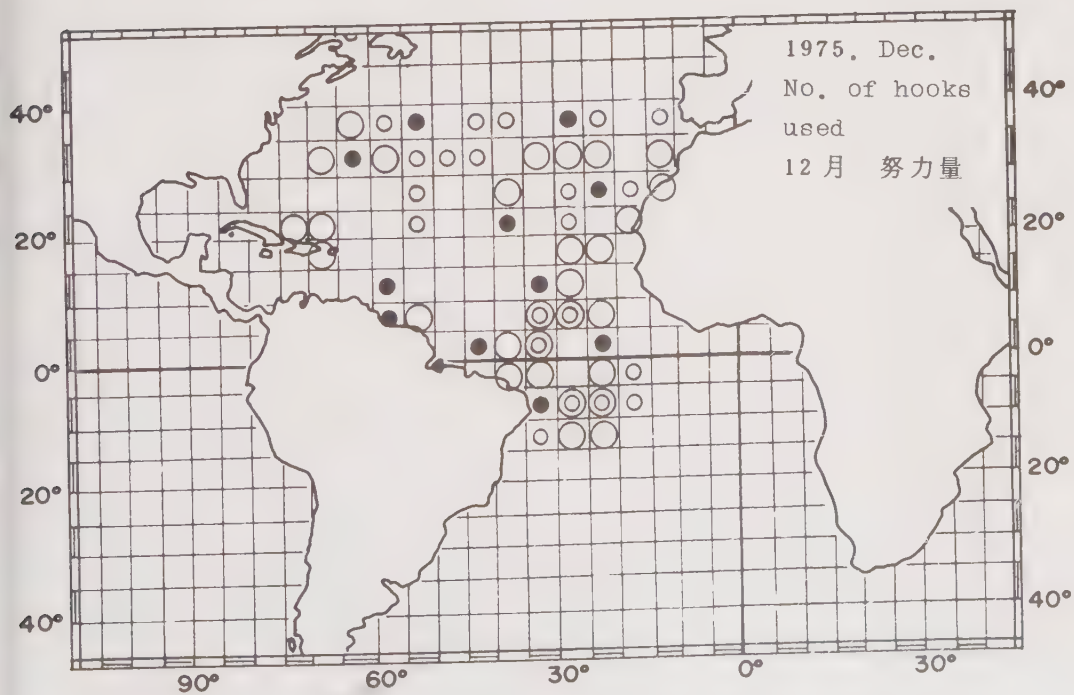
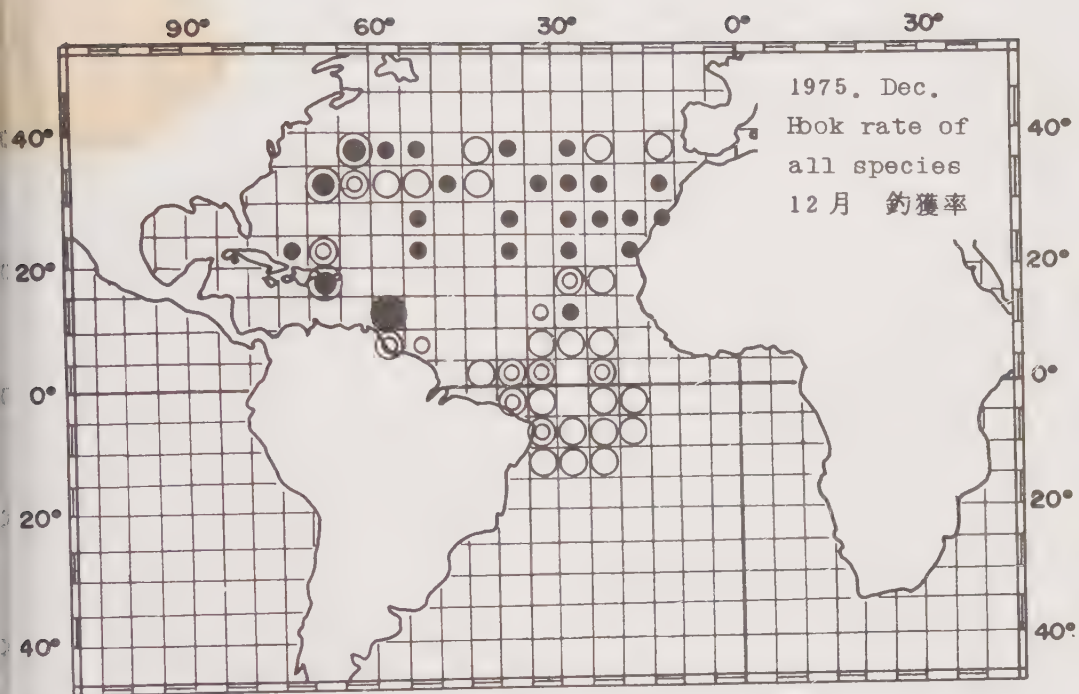
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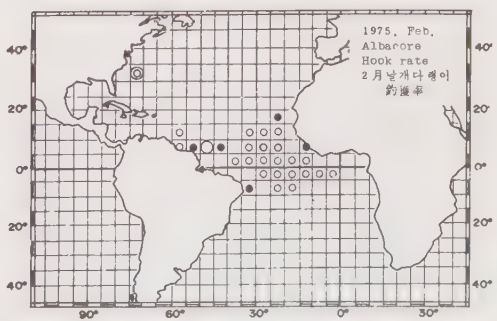
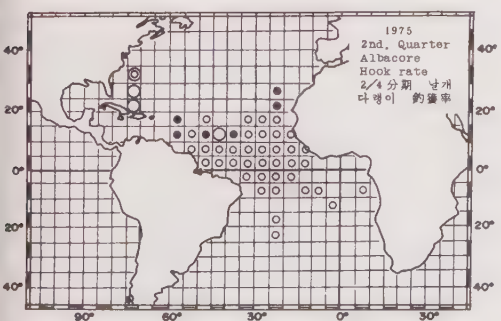
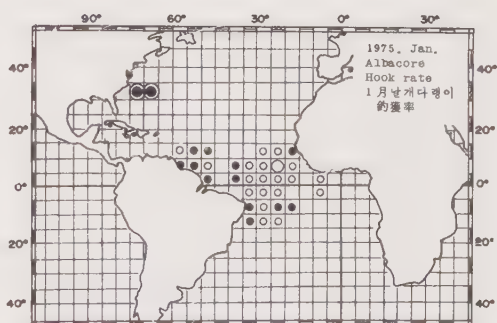
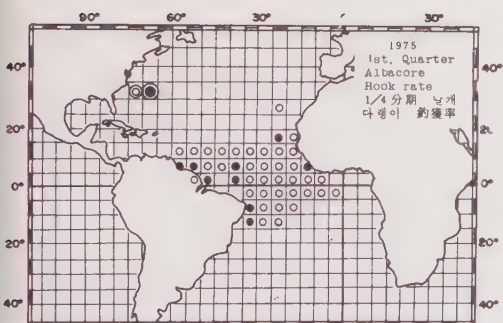
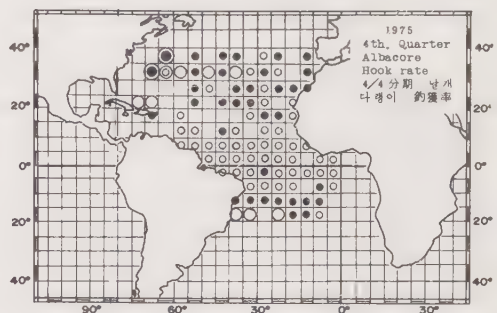
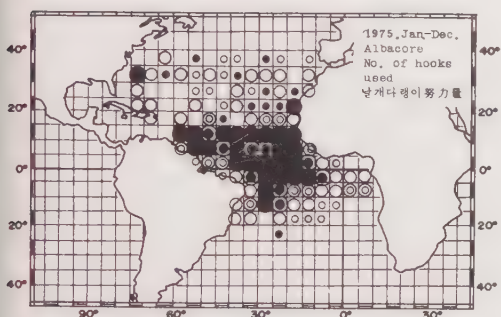
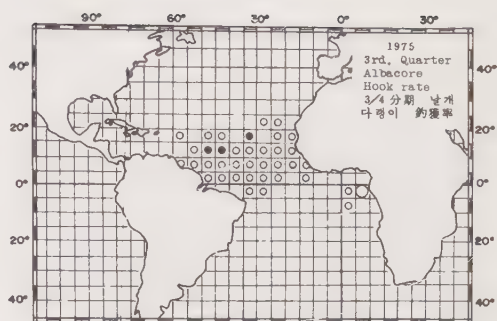
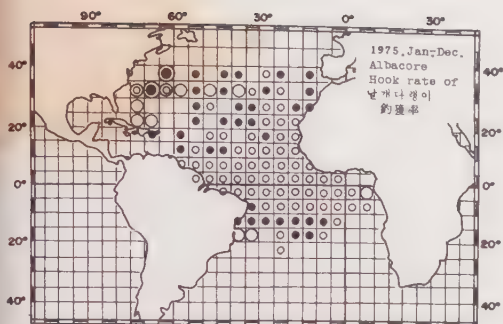


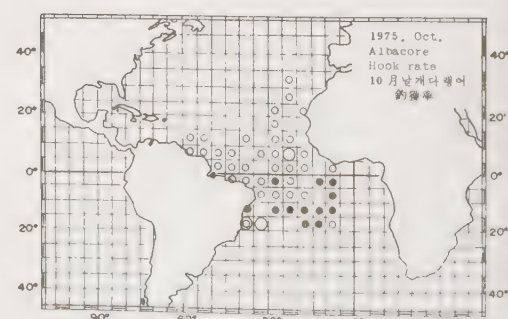
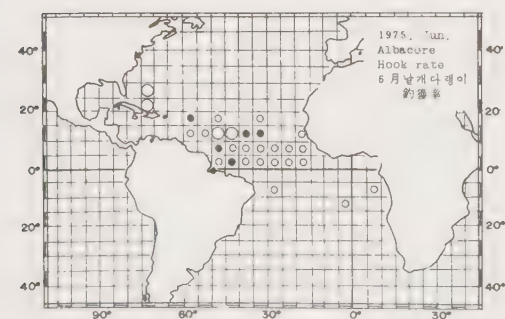
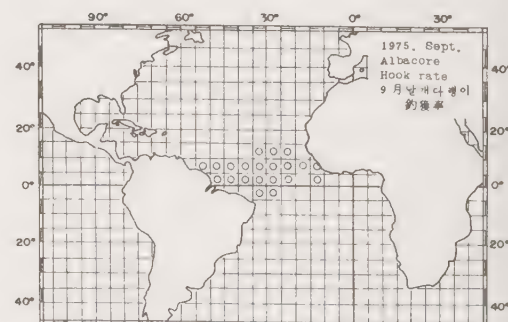
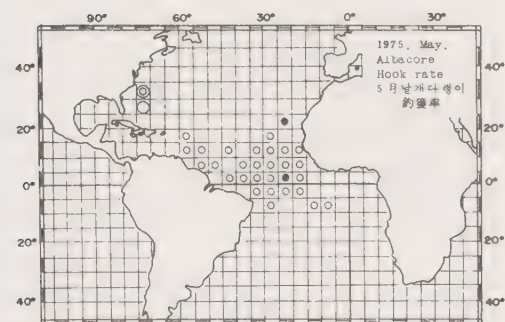
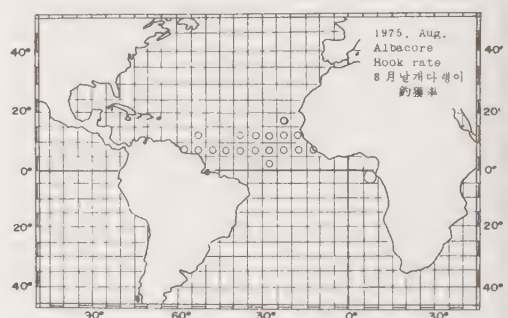
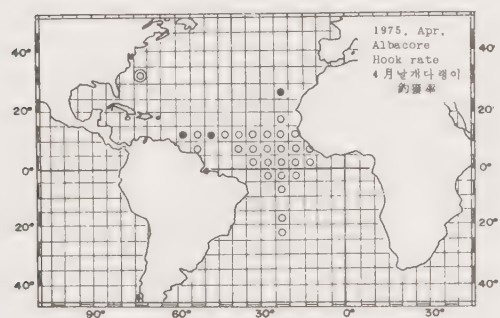
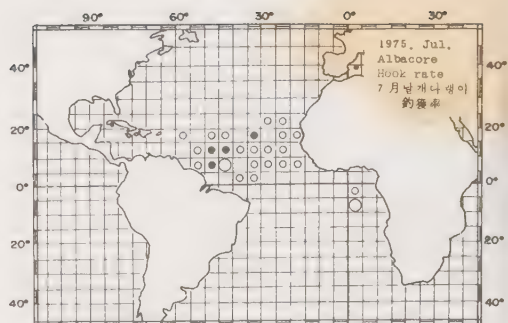
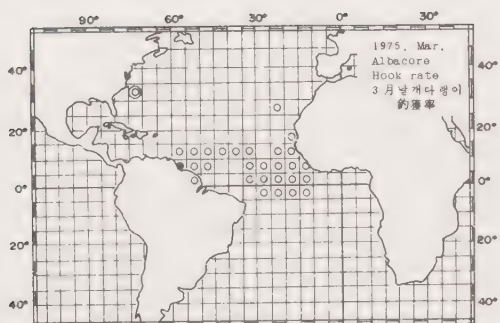
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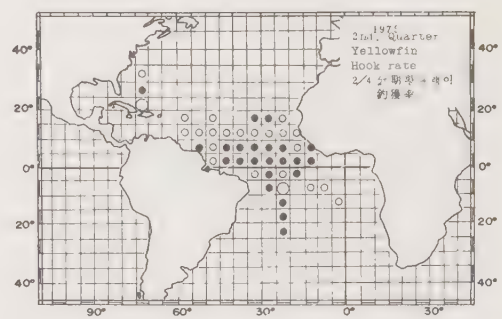
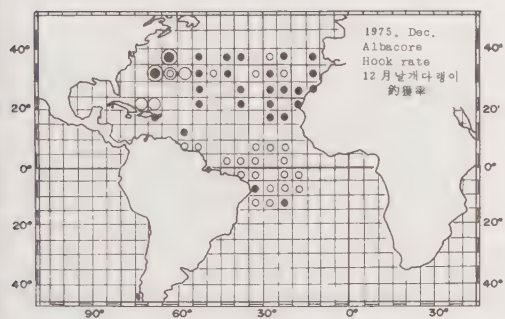
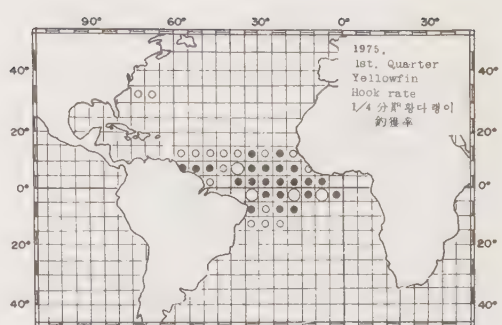
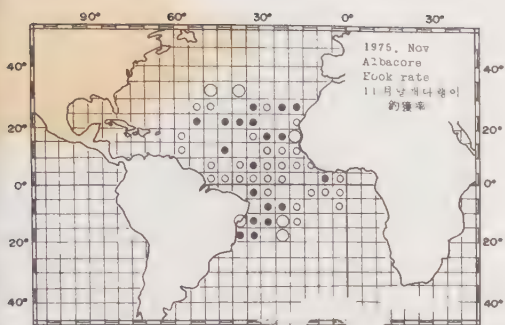
날개다랭이, 황다랭이, 눈다랭이
釣獲率 및 漁獲努力 分布図

Albacore, Yellowfin, Bigeye
Hook rate and fishing effort.
for

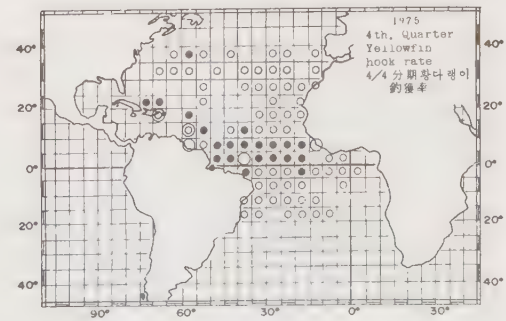
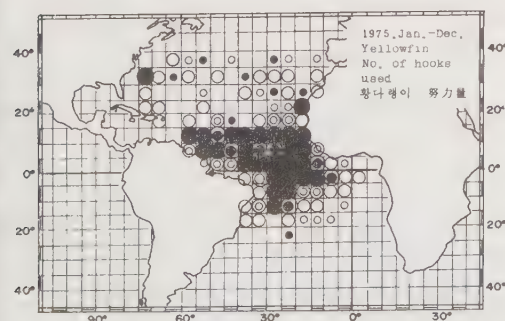
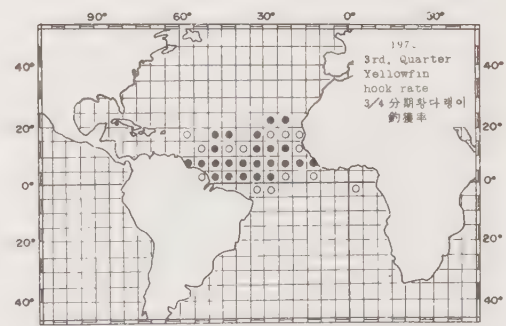
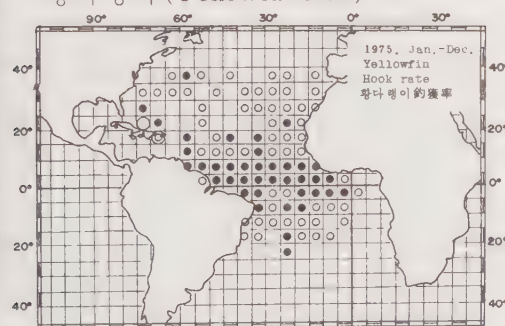
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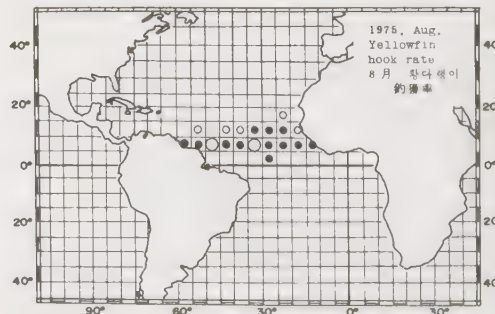
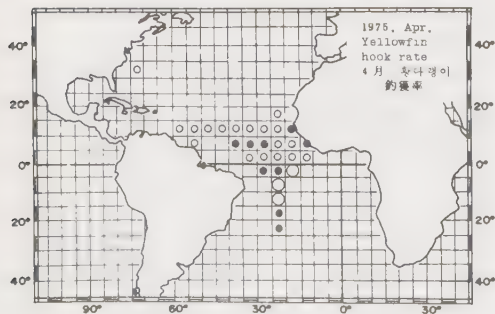
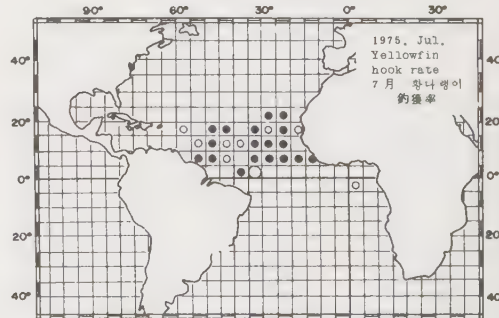
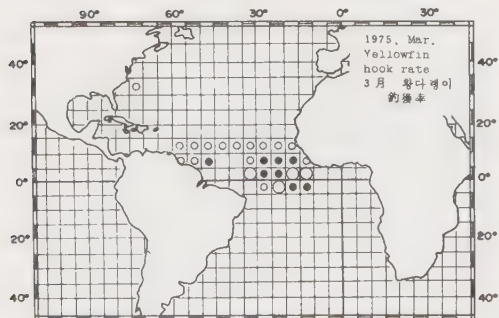
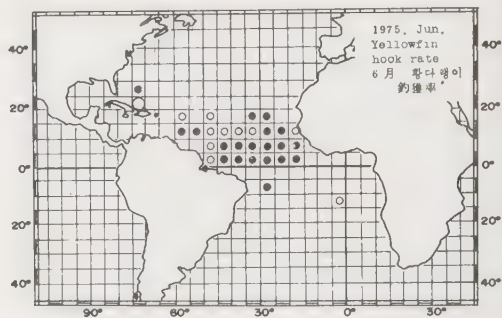
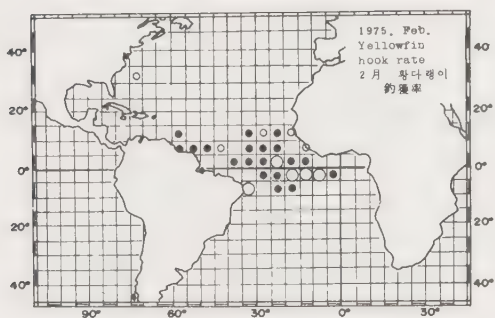
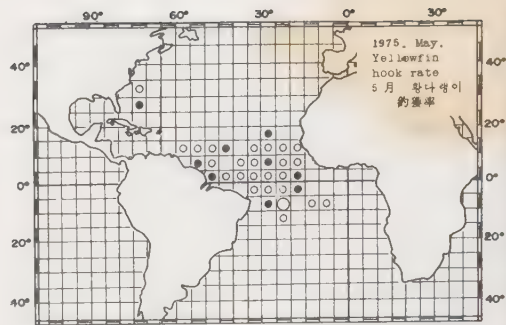
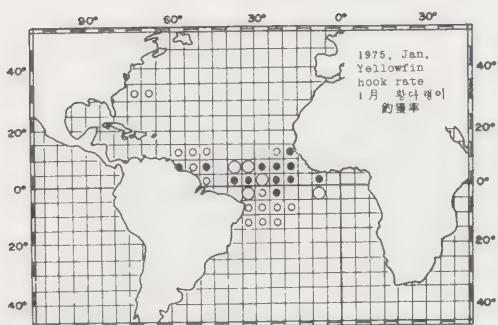




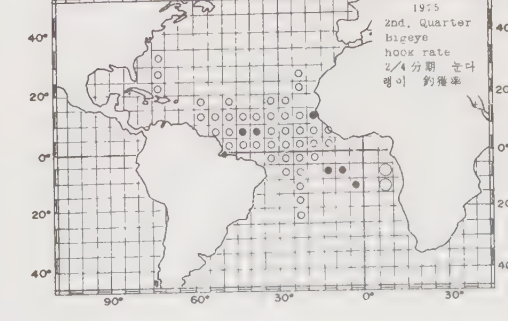
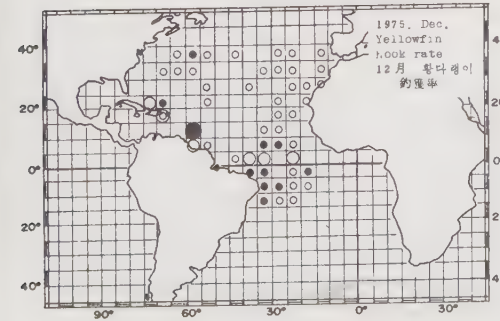
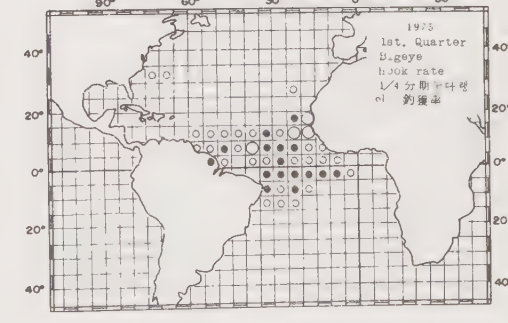
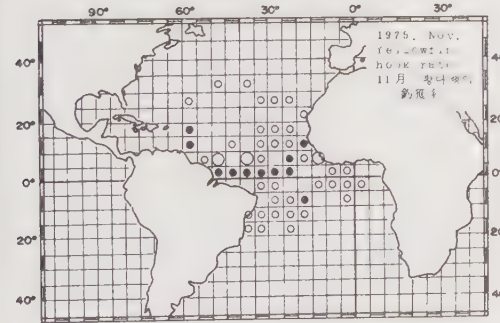
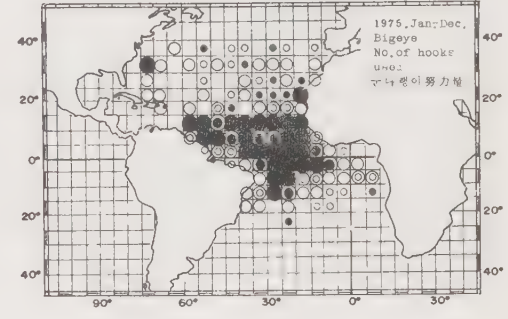
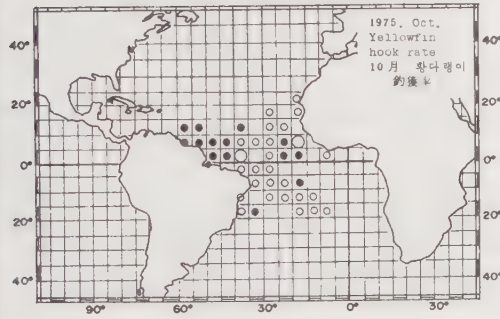
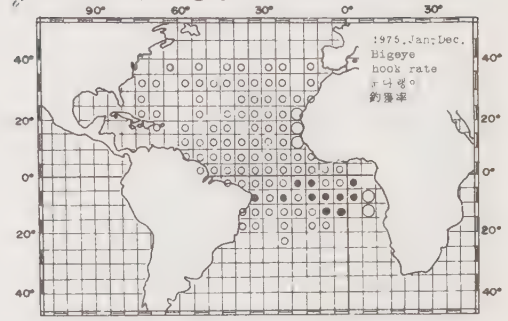
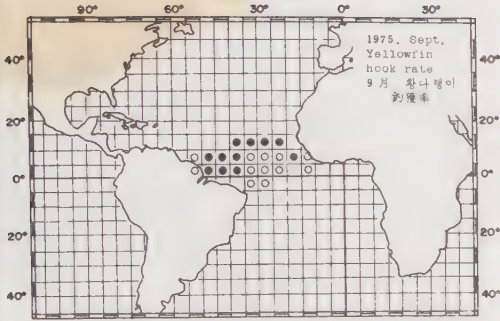


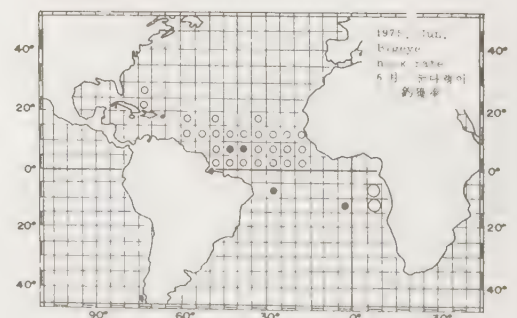
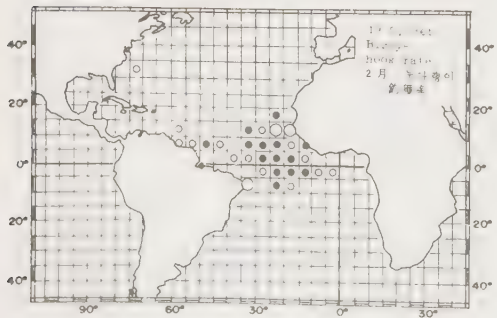
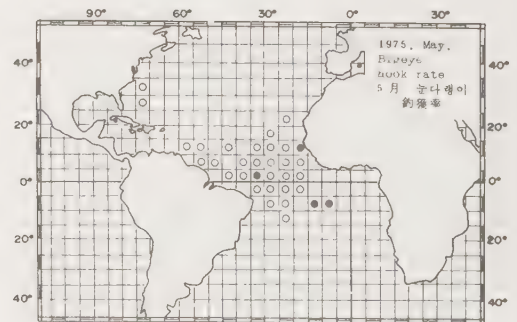
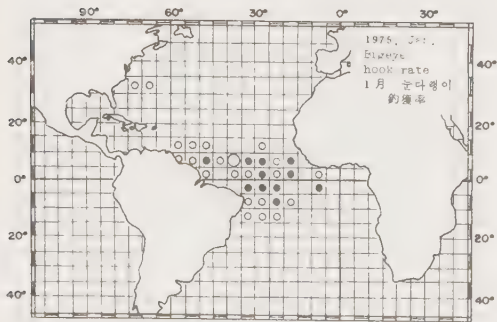
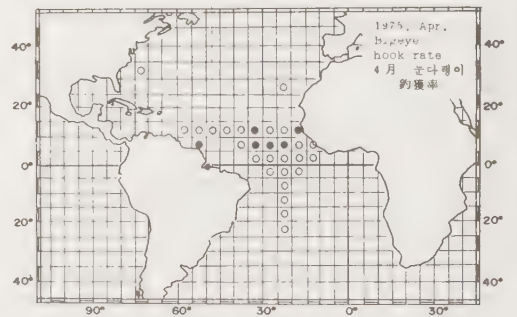
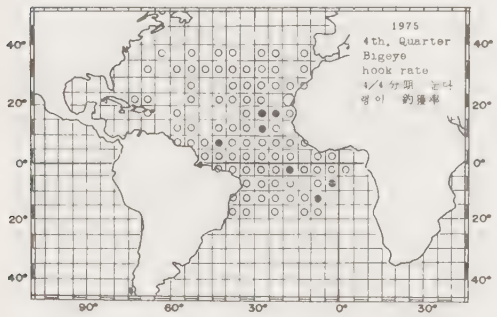
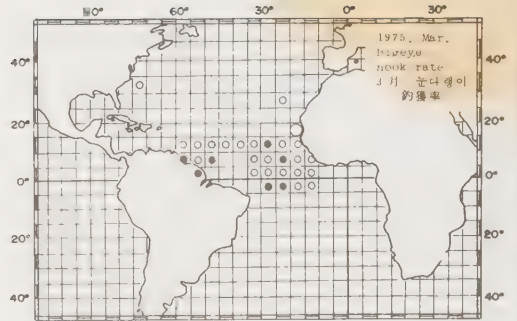
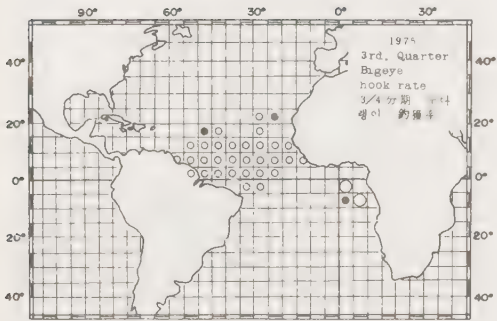
황다랭이 (Yellowfin tuna)

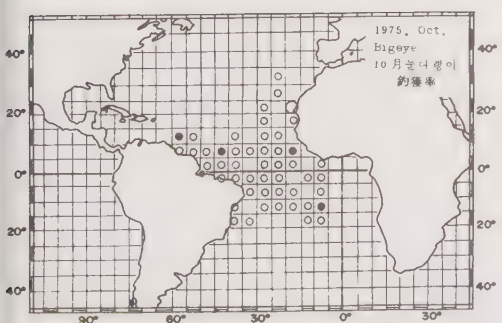
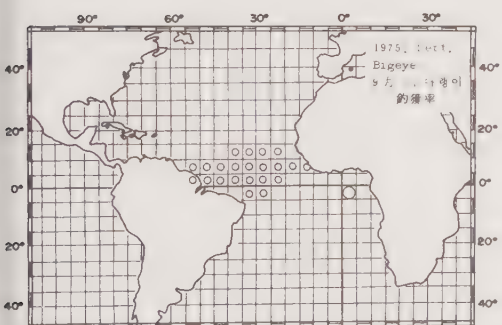
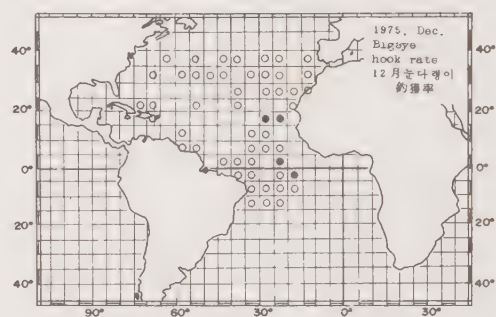
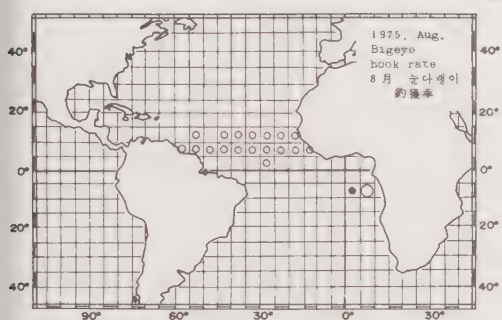
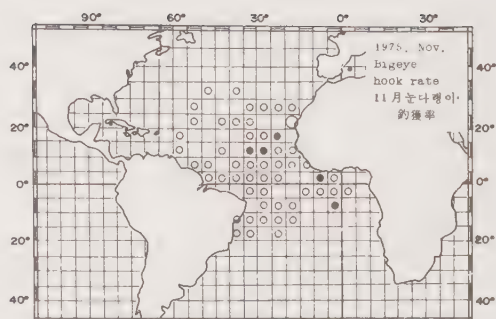
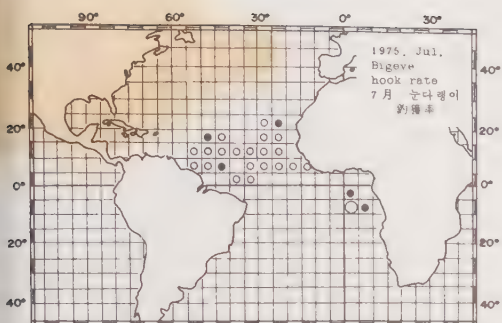




눈다랭이 (Bigeye tuna)









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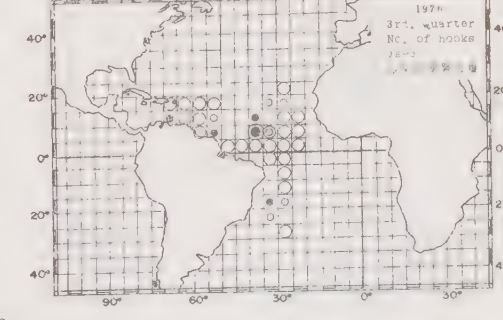
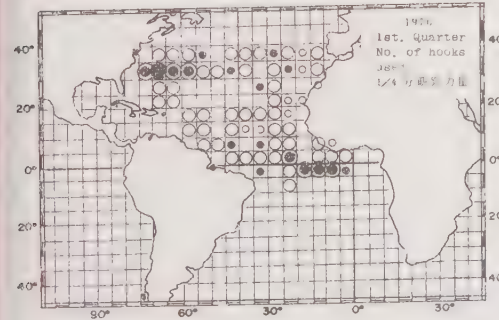
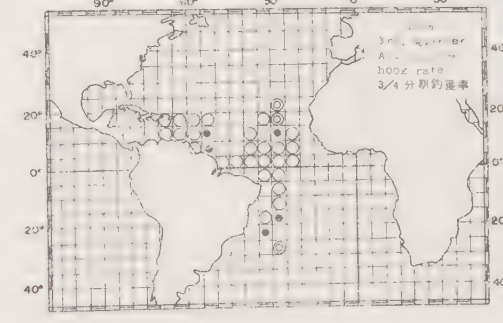
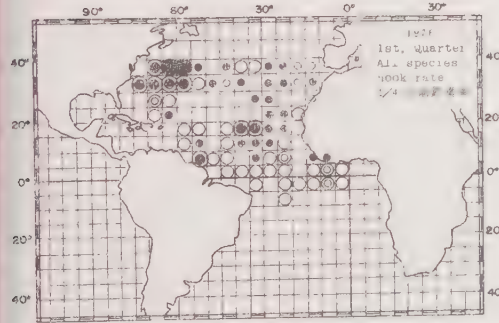
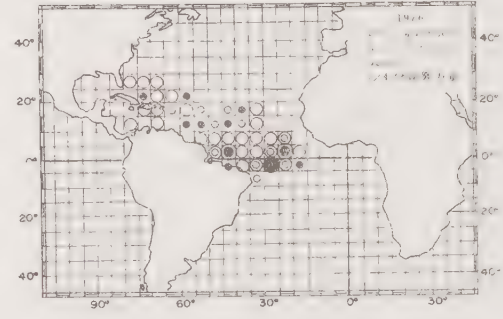
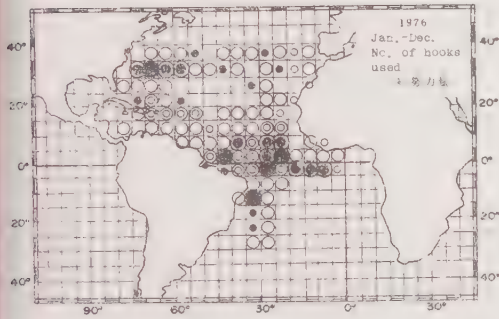
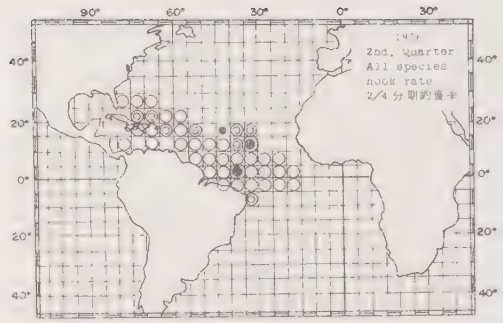
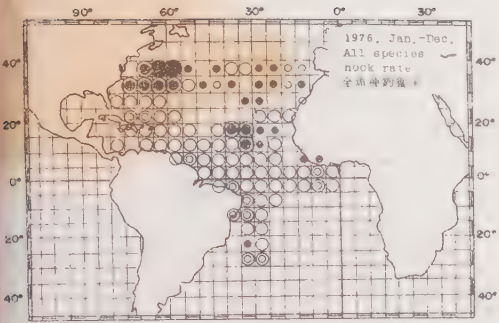
年別・分期別・月別・釣獲率 및 漁獲努力分布圖

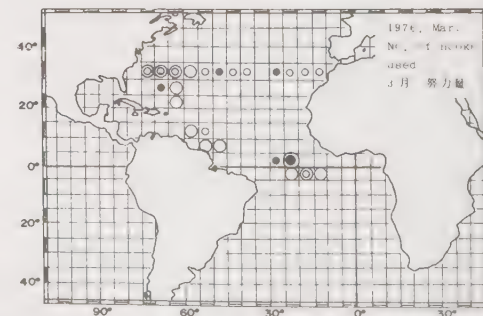
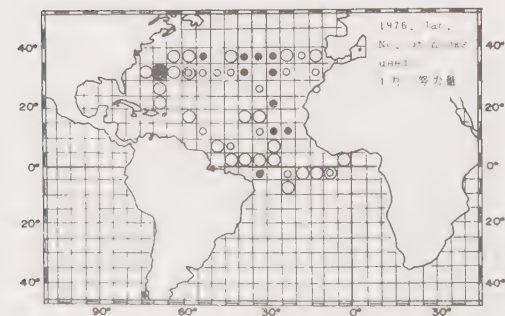
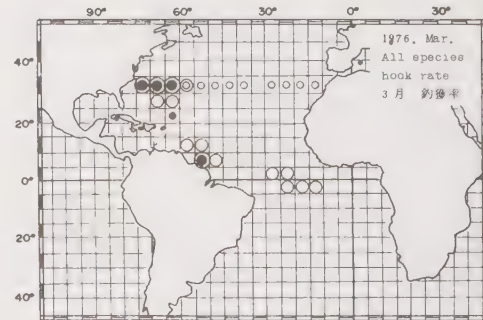
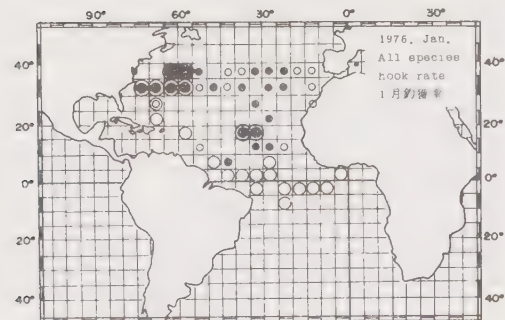
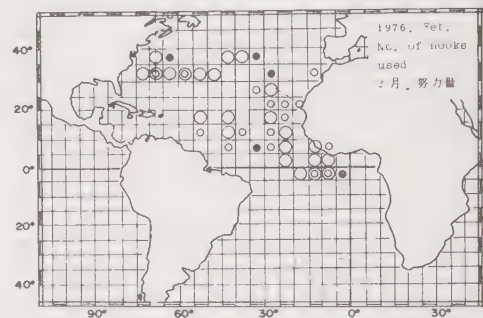
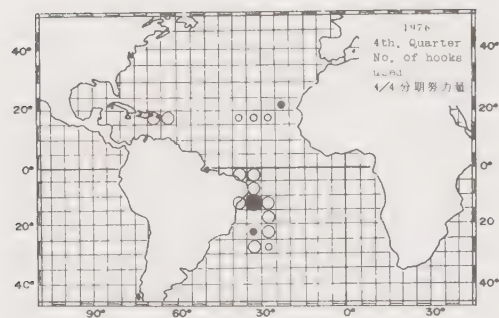
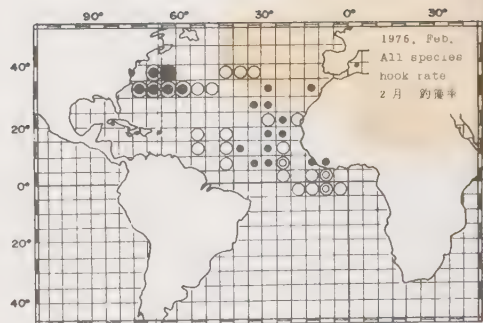
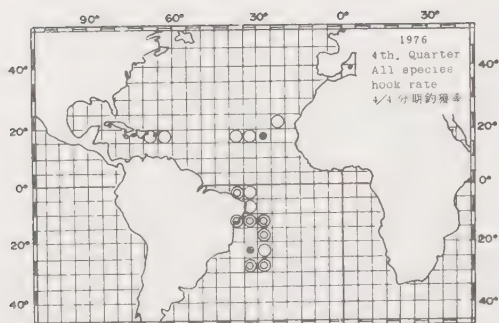
All Species

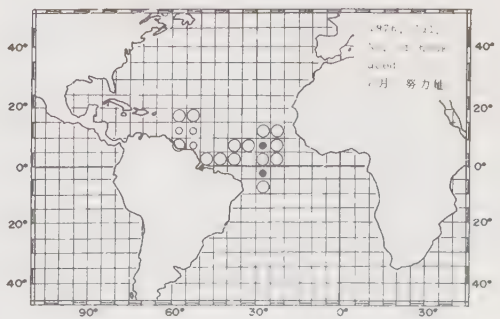
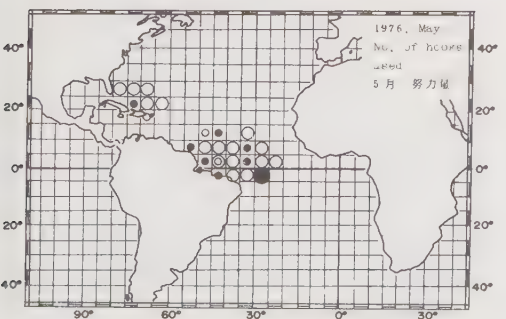
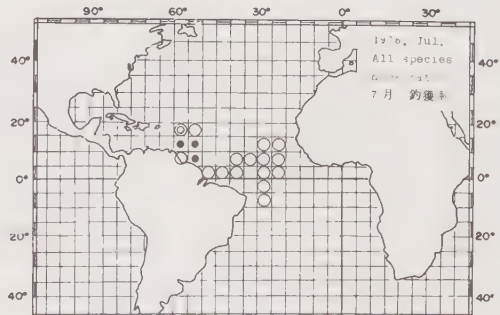
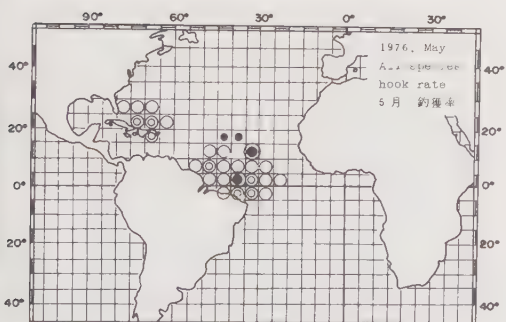
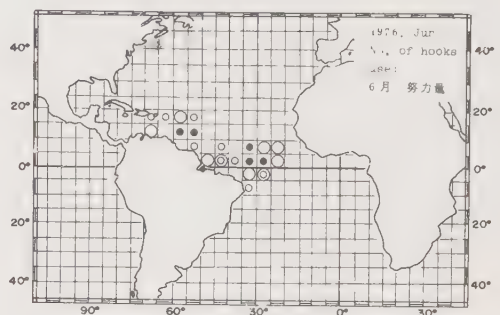
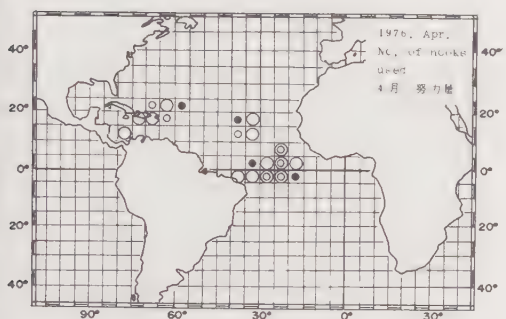
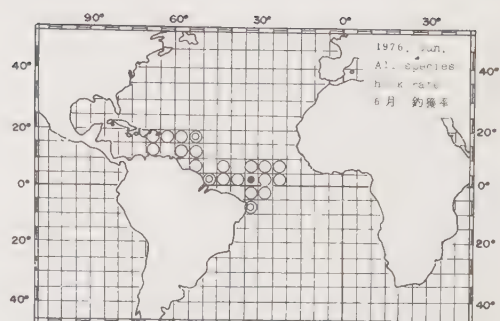
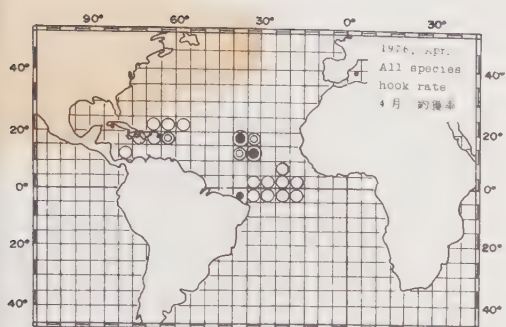
Hook rate and fishing effort by Month,
by quarter and by year

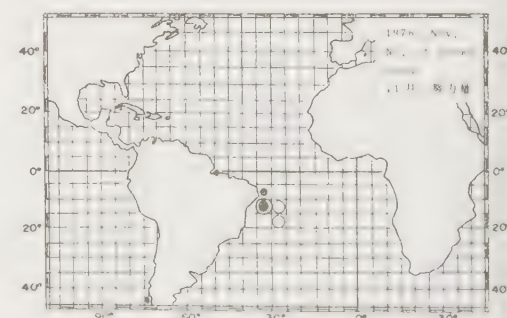
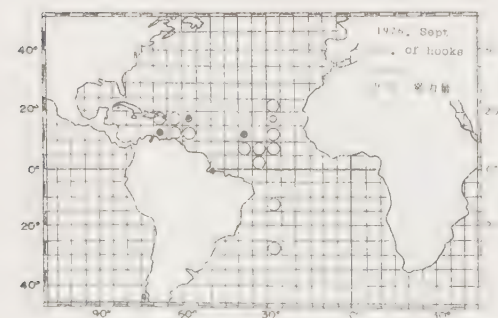
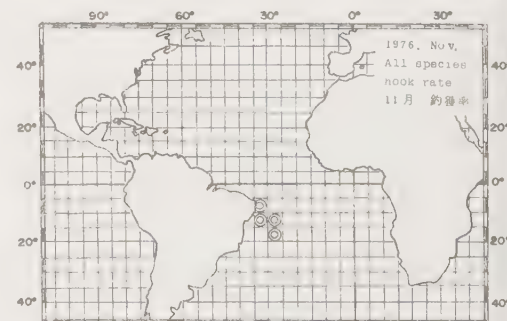
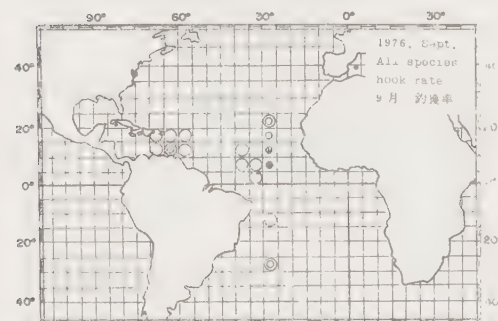
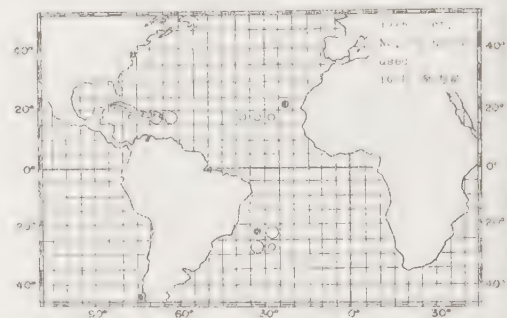
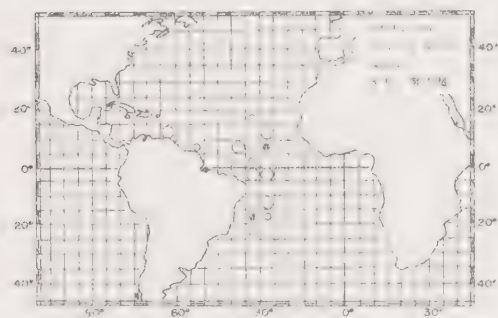
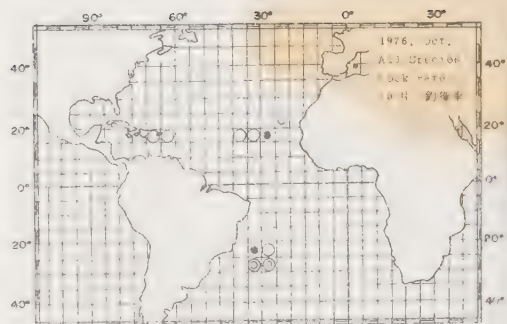
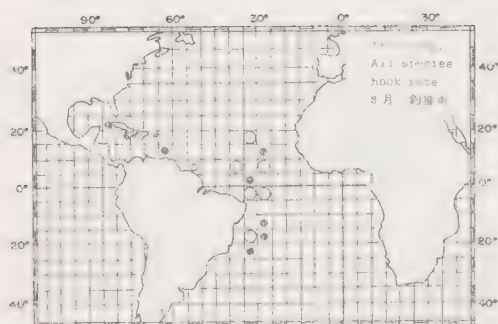
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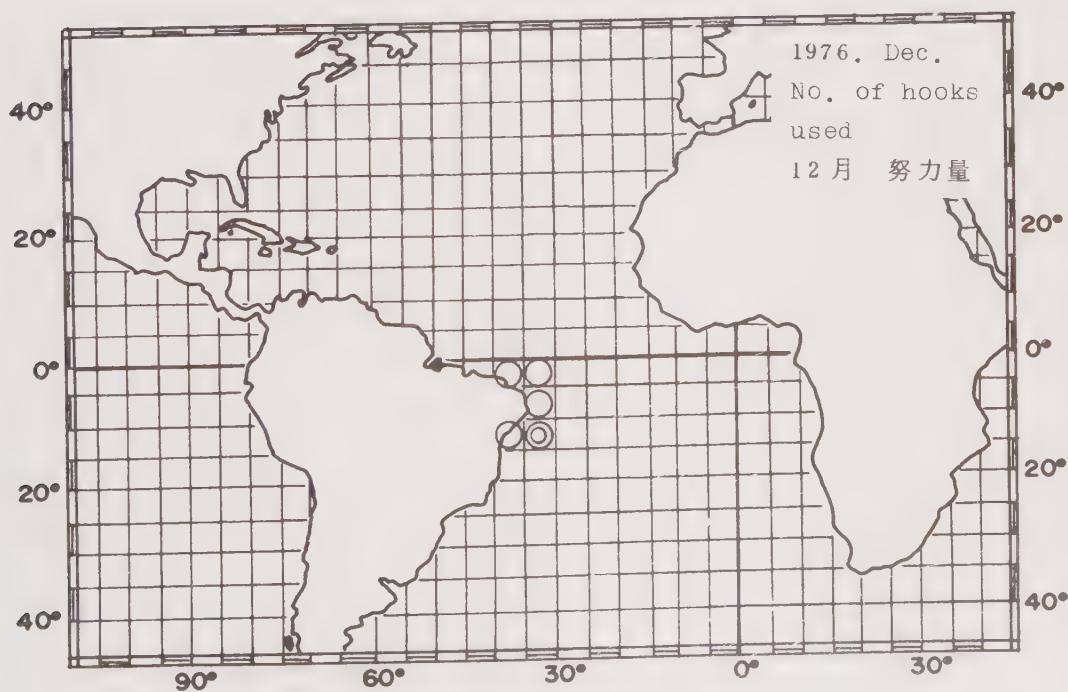
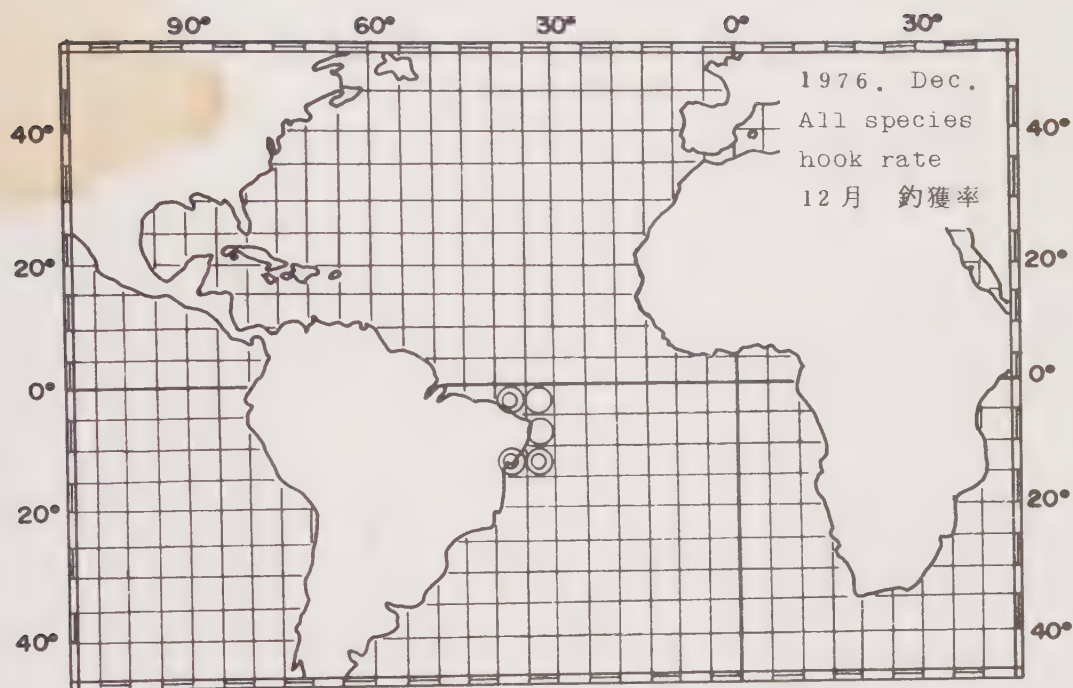
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날개다랭이, 황다랭이, 눈다랭이

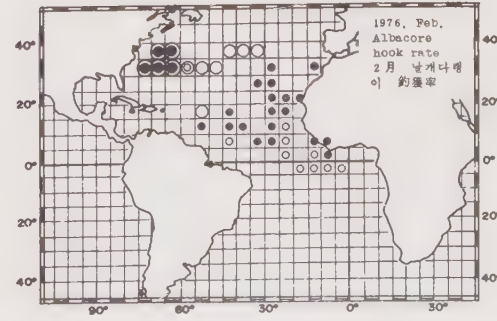
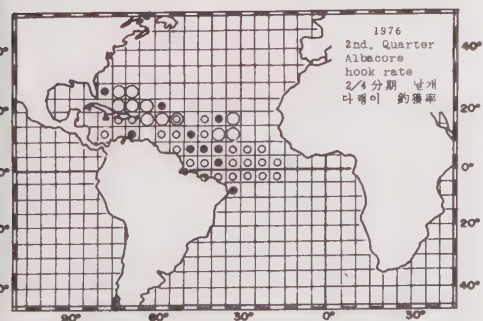
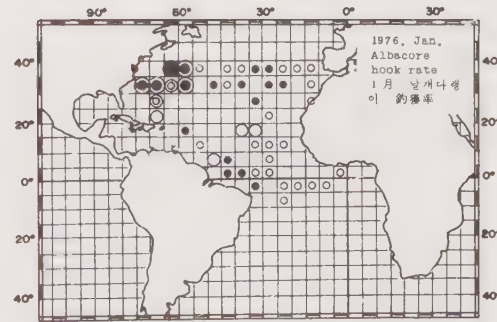
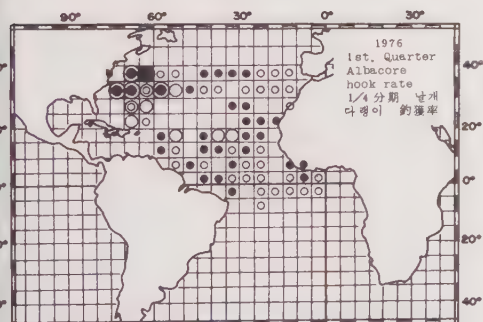
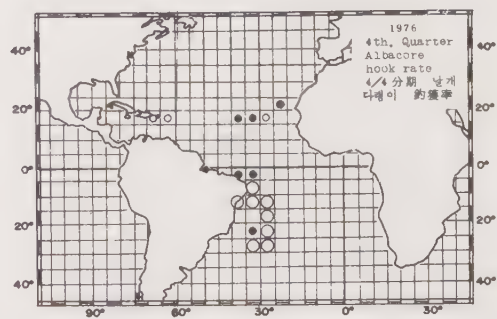
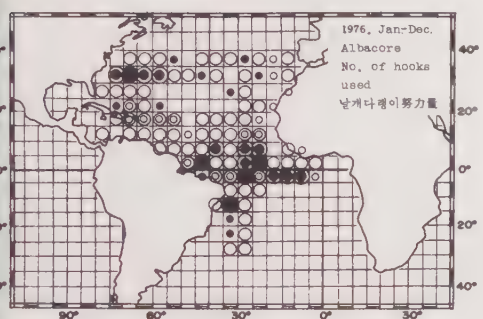
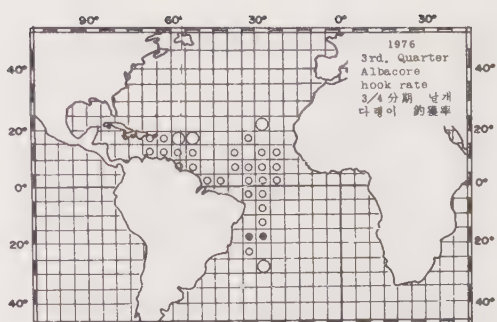
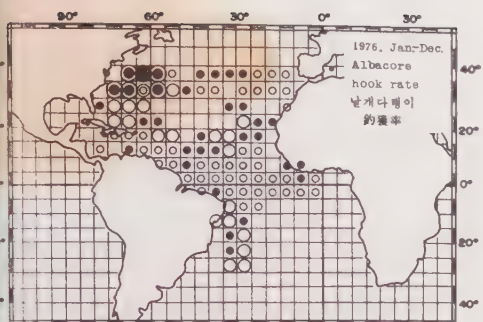
釣獲率 및 漁獲努力 分布圖

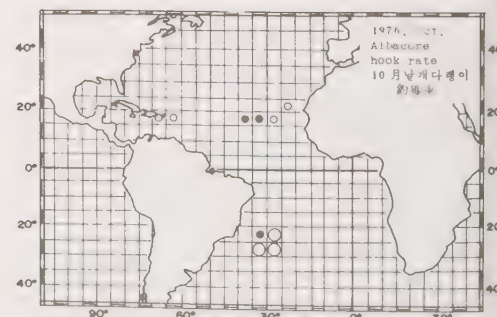
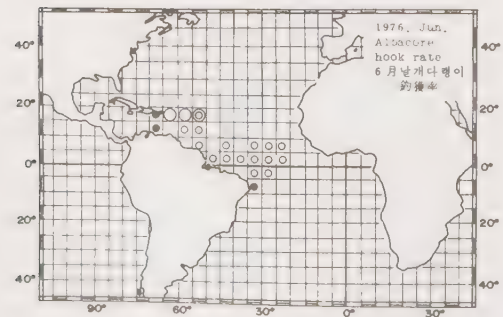
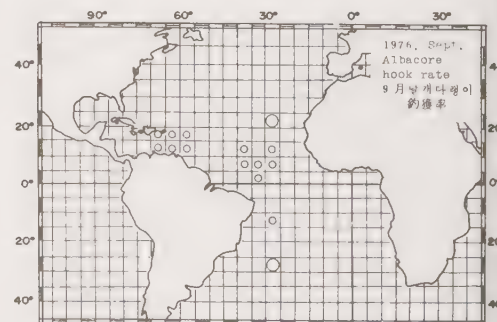
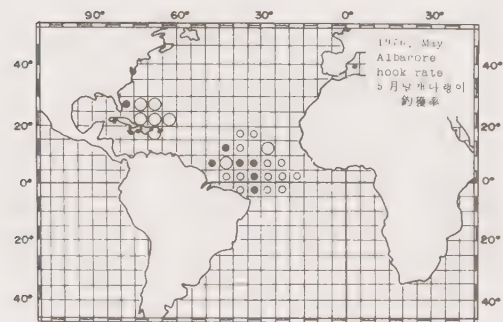
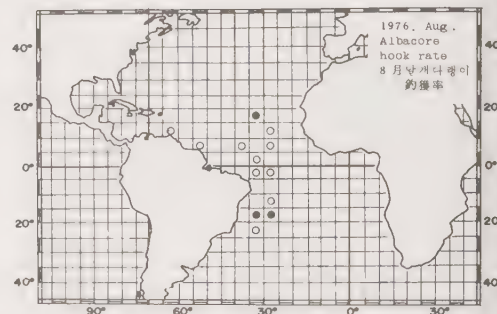
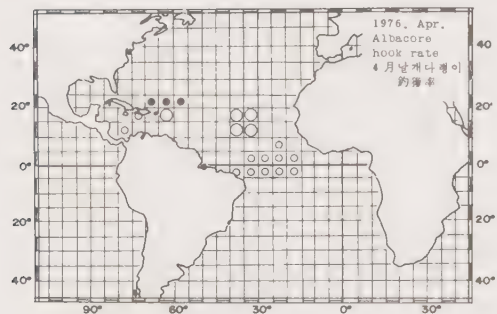
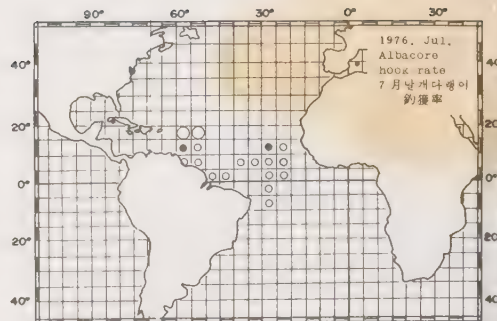
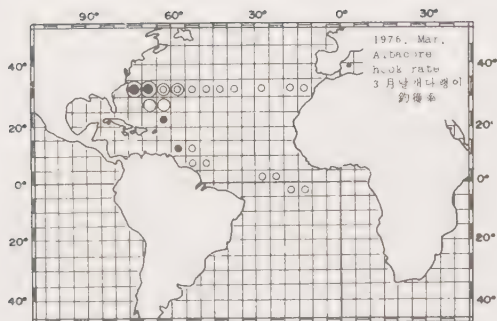
Albacore, Yellowfin, Bigeye

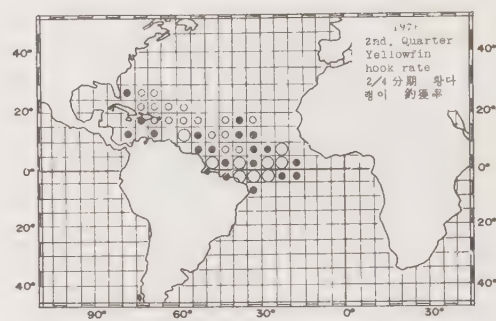
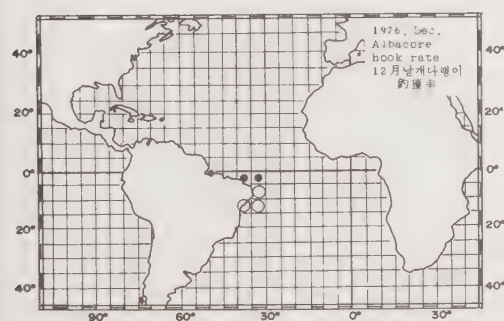
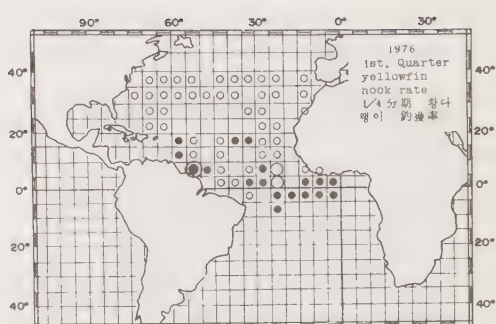
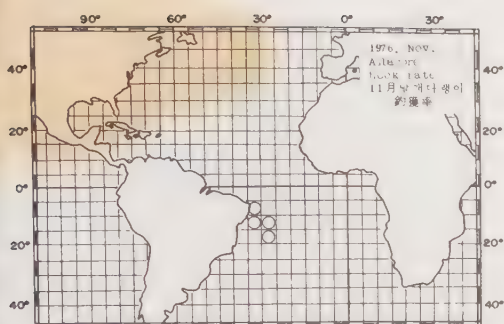
Hook rate and fishing effort

for

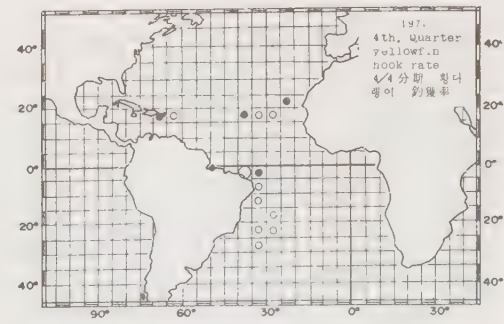
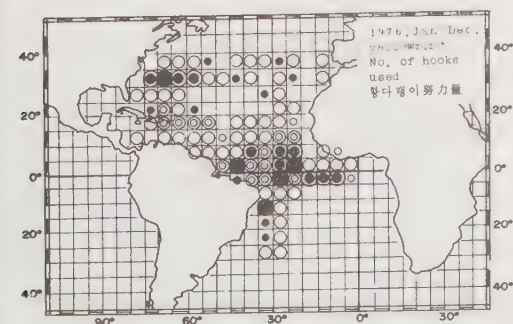
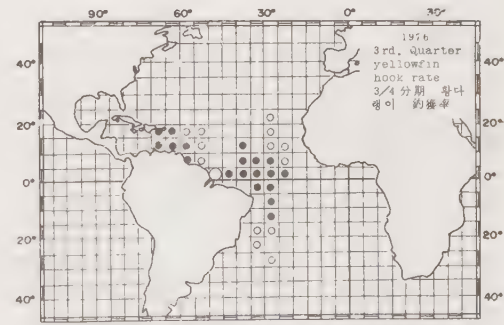
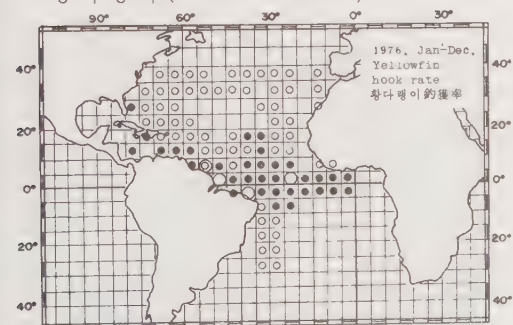
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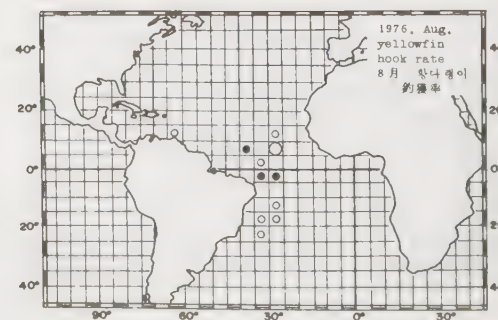
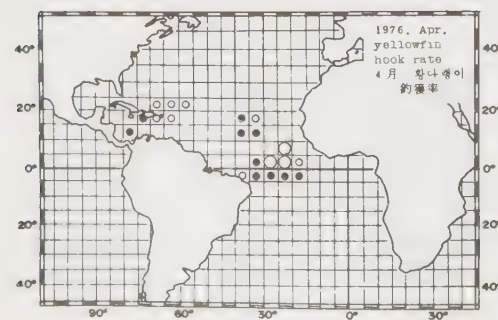
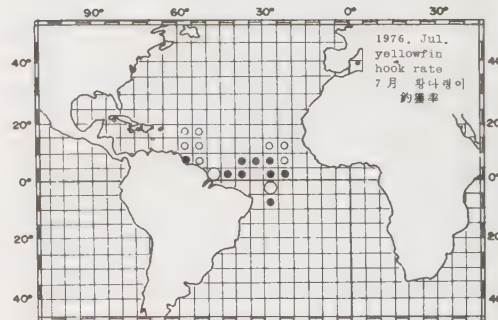
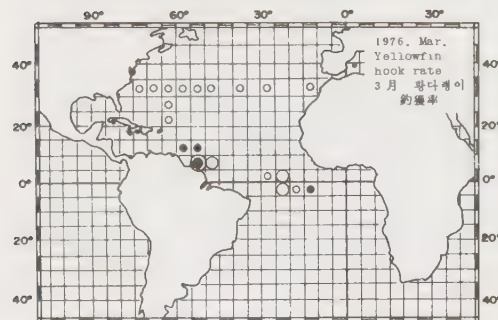
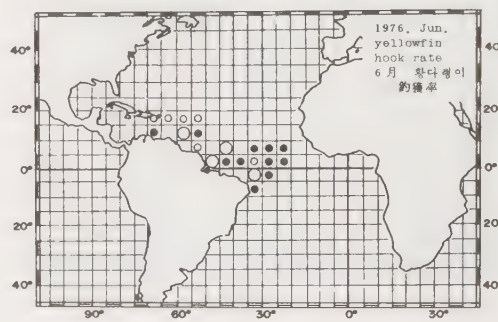
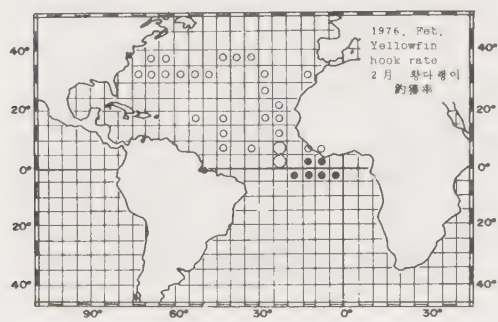
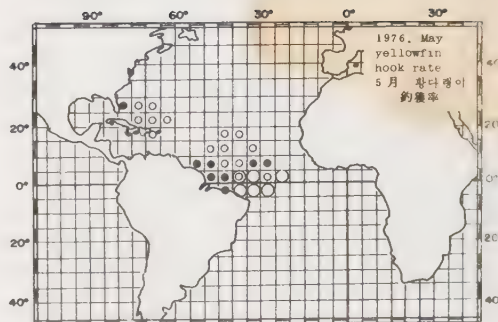
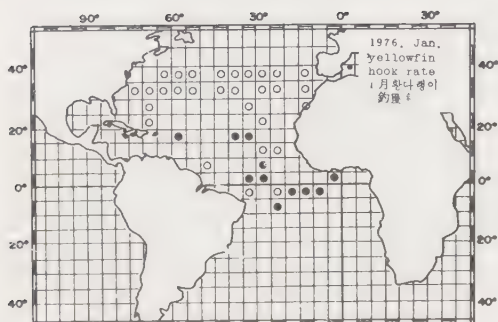




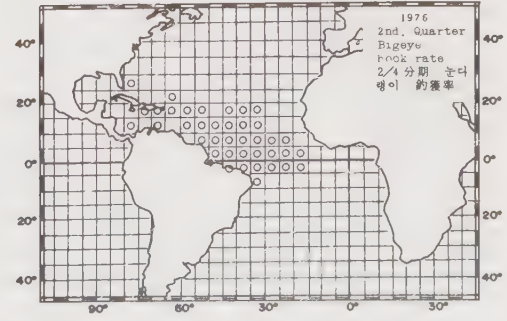
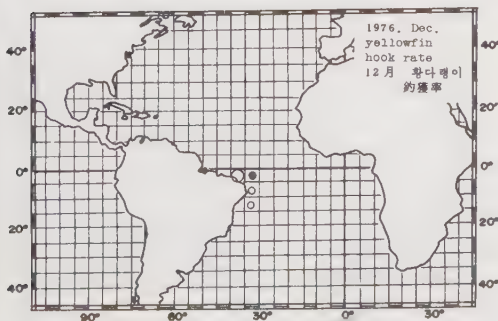
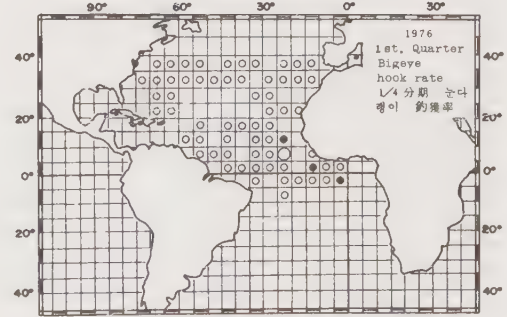
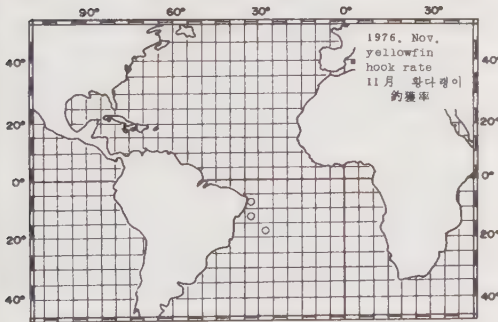
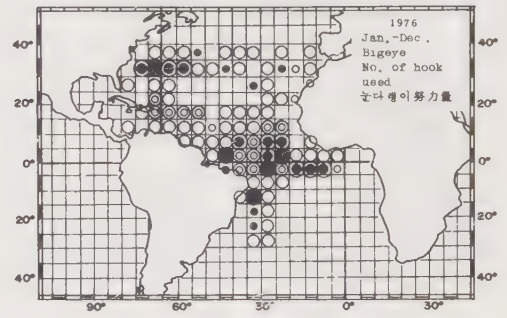
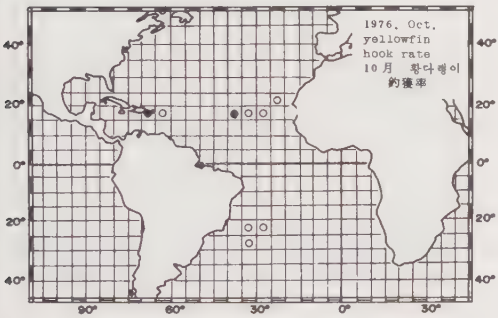
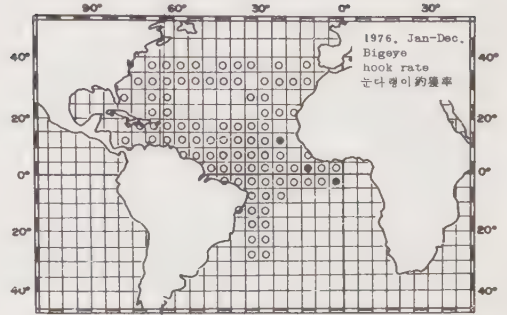
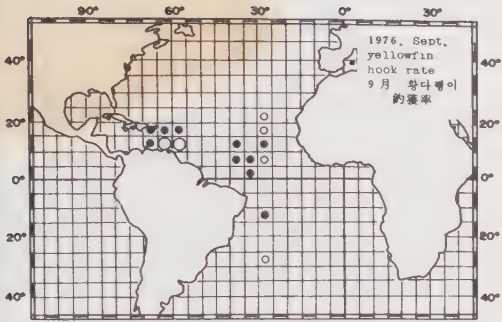


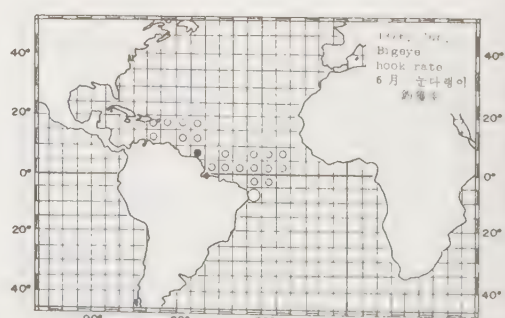
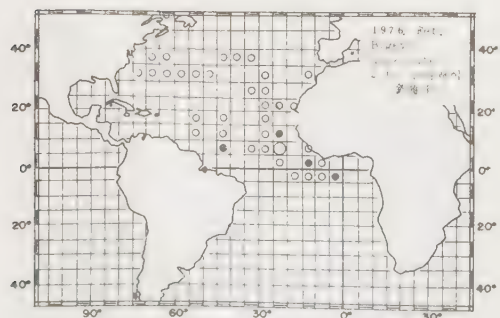
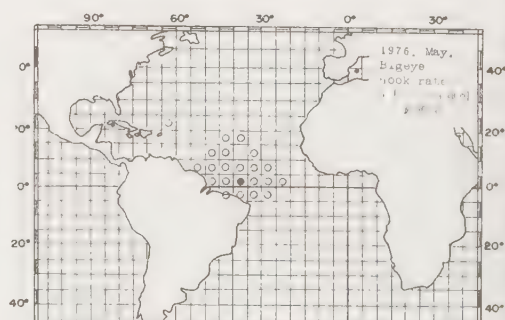
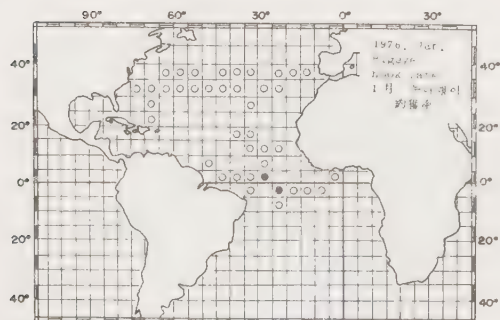
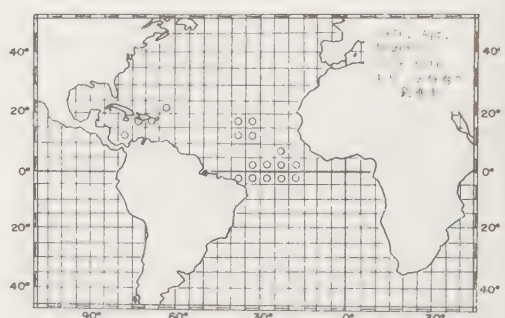
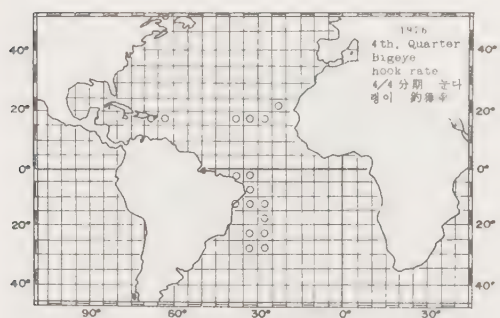
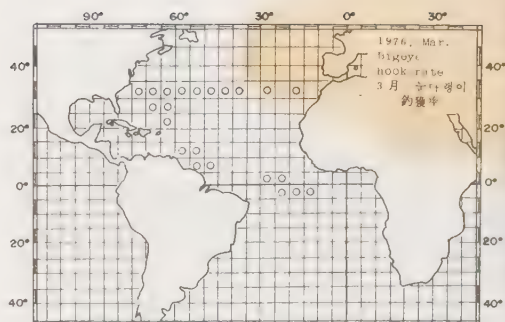
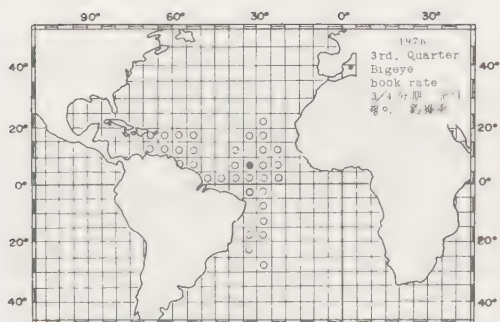
황다랭이 (Yellowfin tuna)

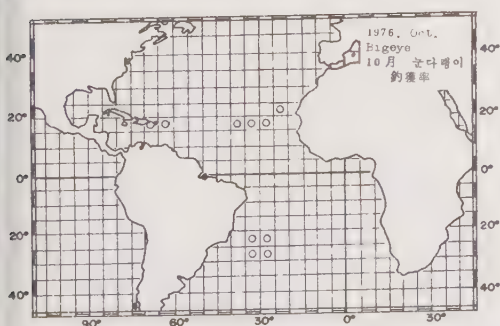
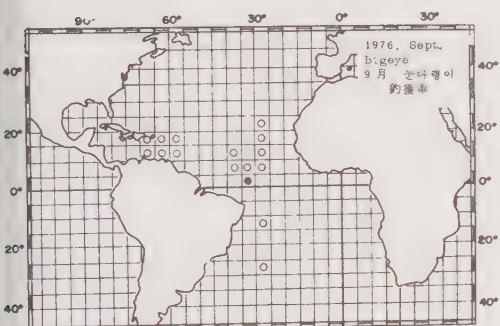
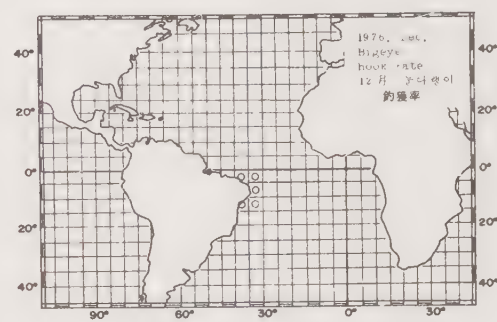
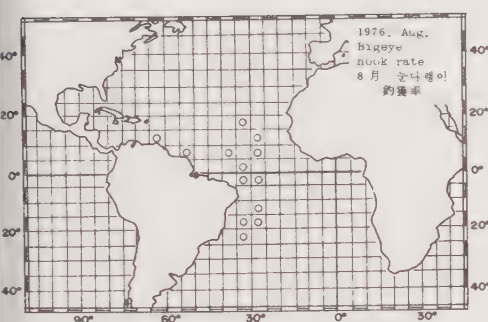
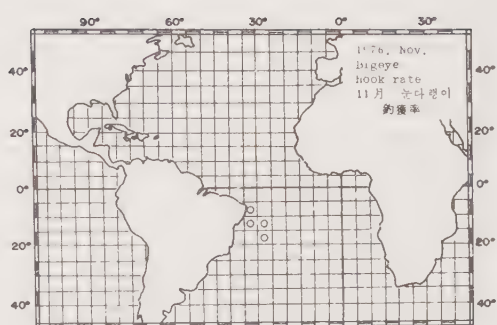
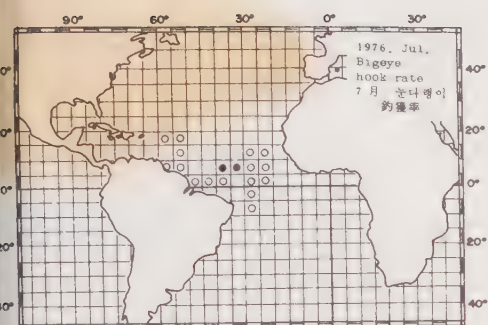




눈다랭이 (Bigeye tuna)









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全 魚 種

年別・分期別・月別・釣獲率 및 漁獲努力分布圖

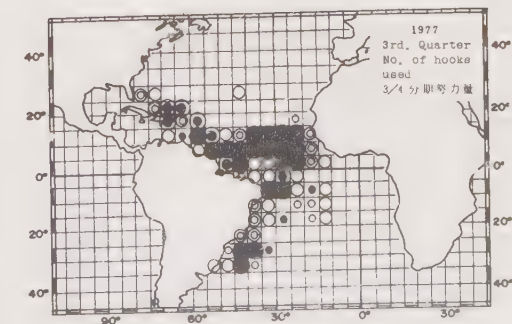
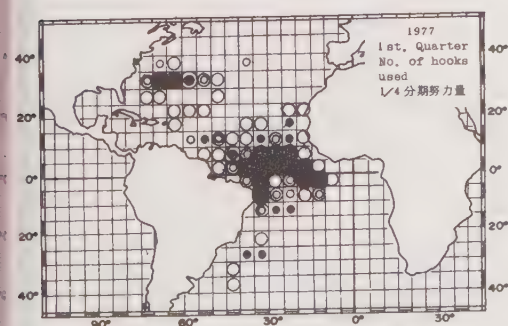
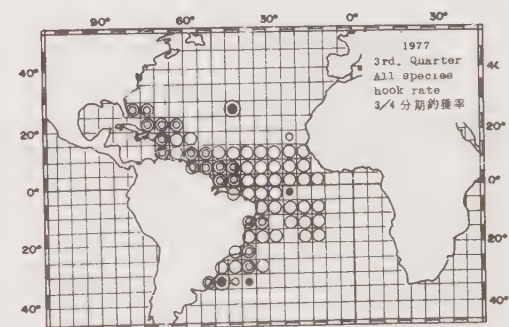
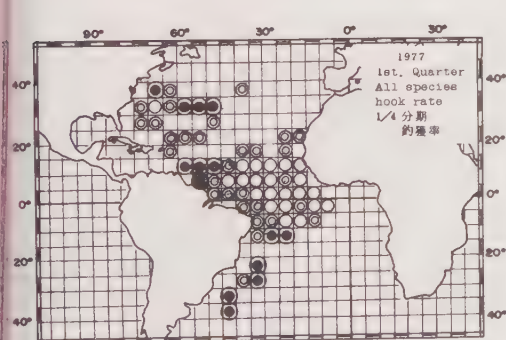
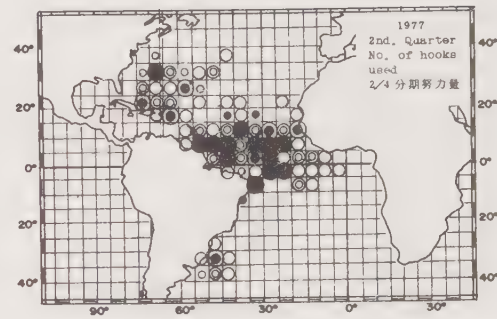
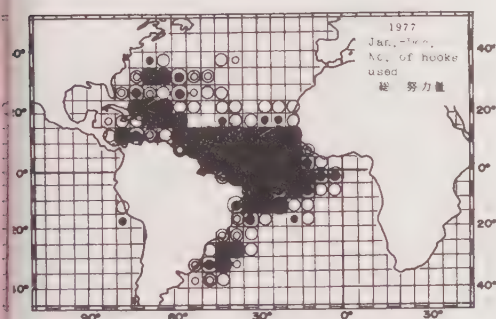
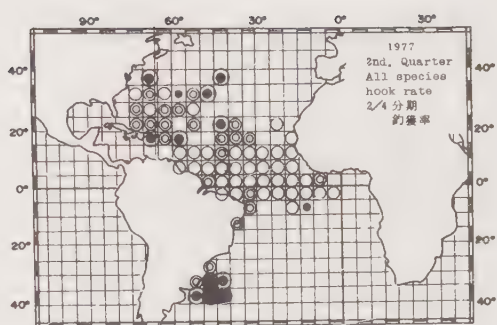
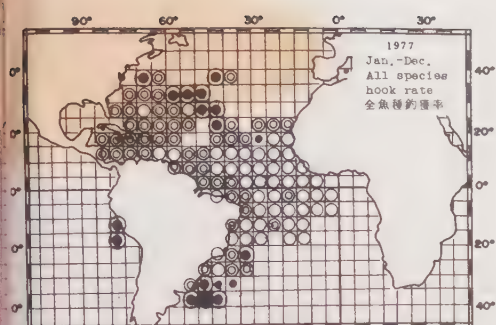
All Species

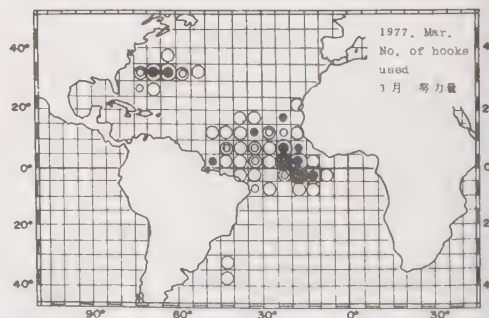
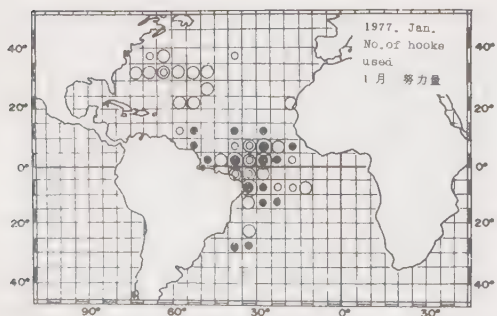
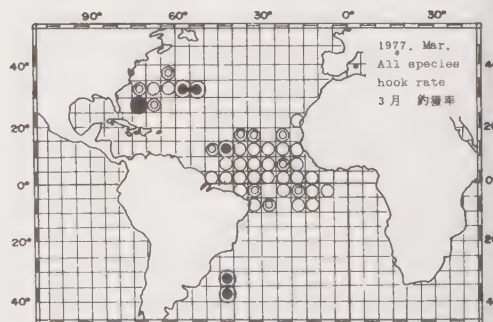
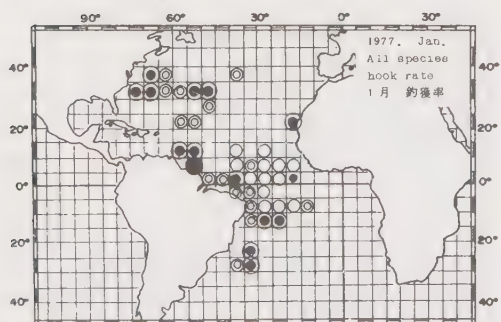
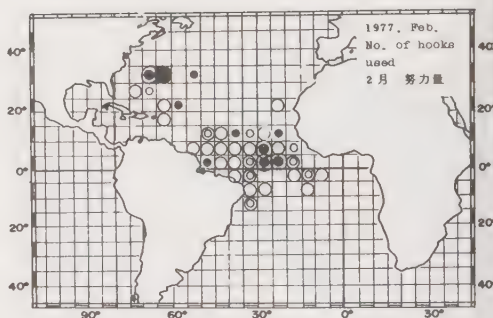
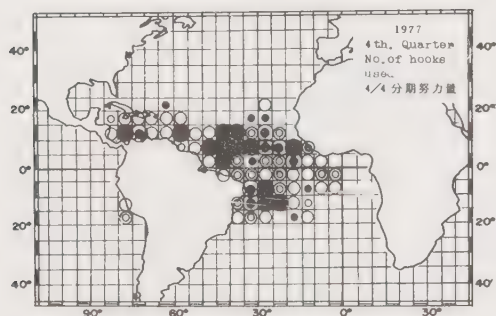
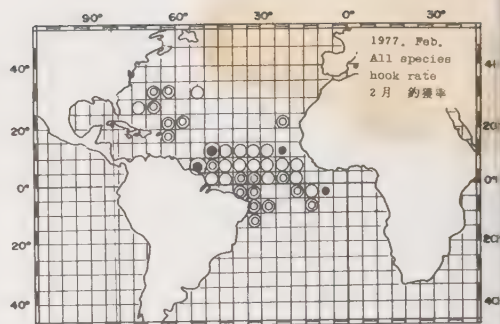
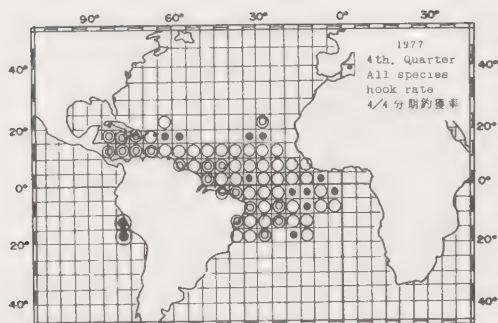
Hook rate and fishing effort by Month,
by quarter and by year

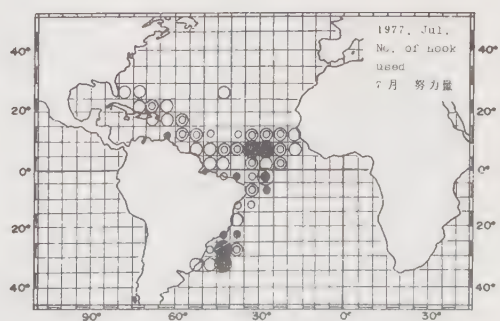
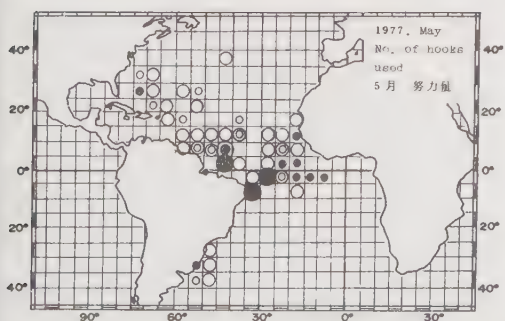
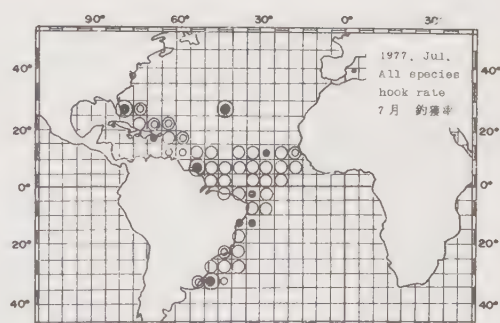
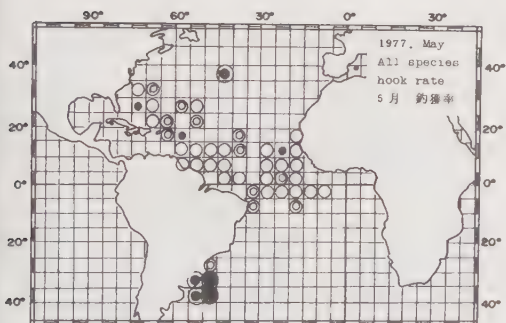
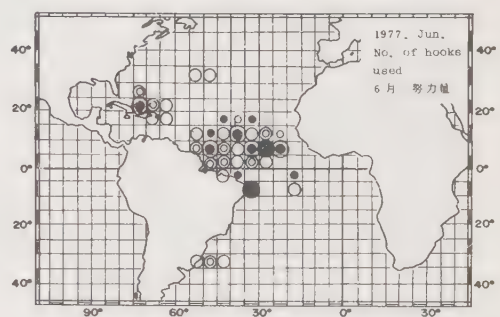
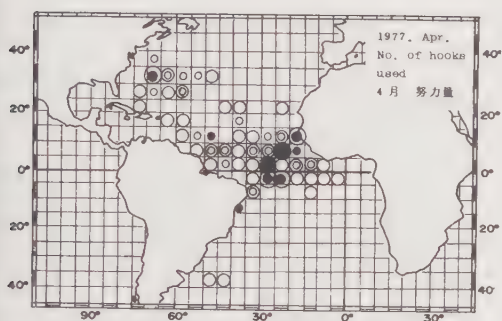
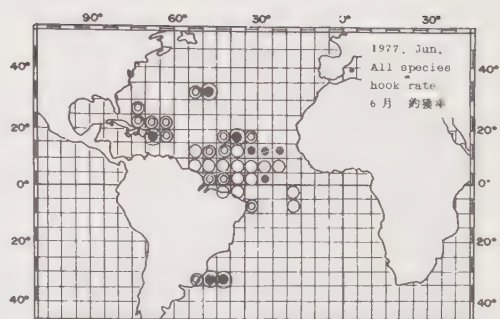
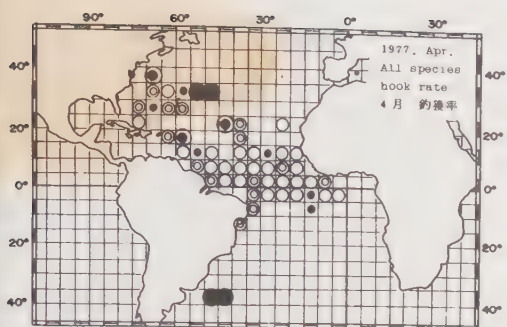
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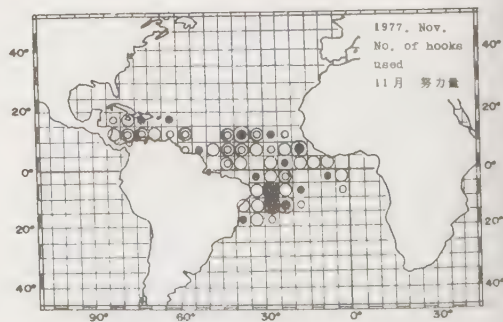
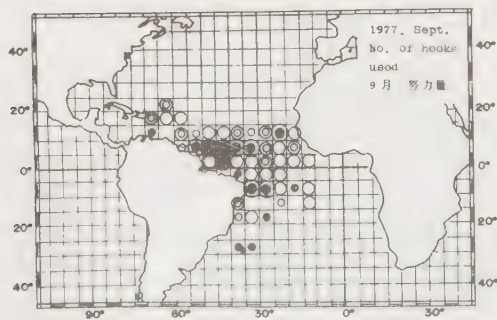
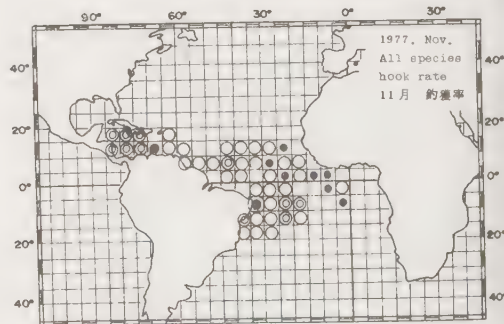
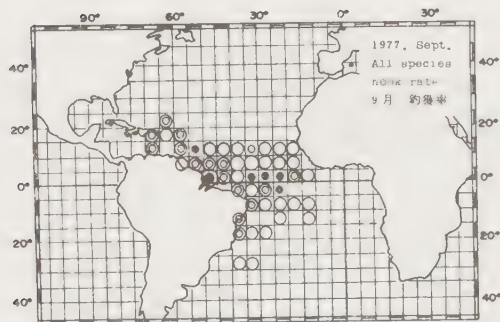
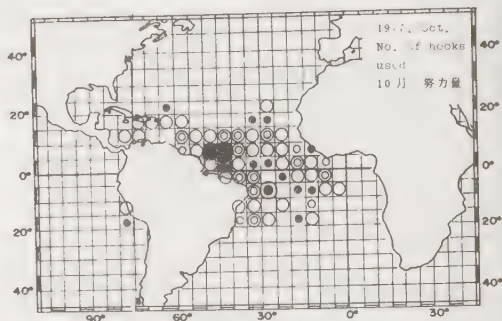
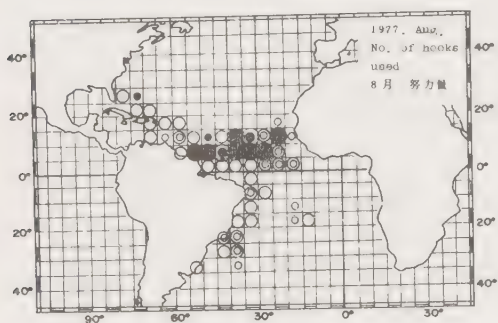
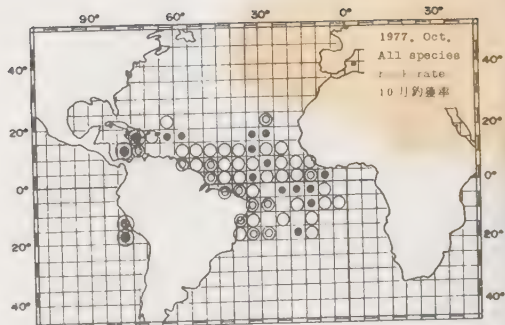
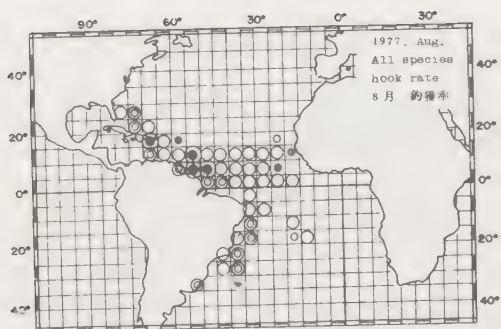
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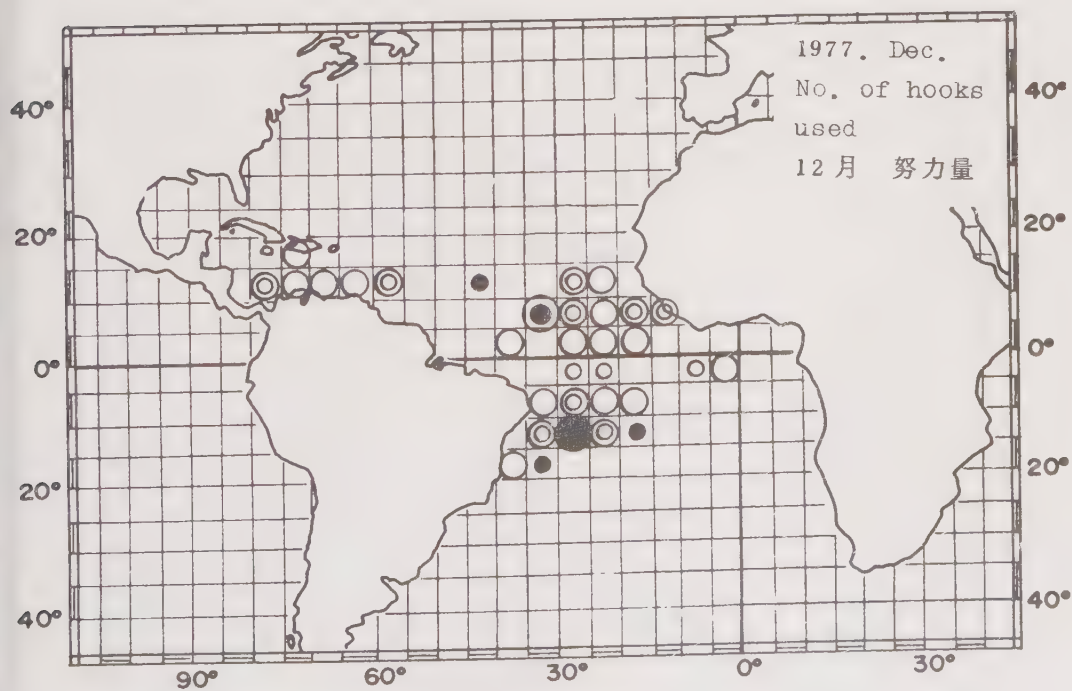
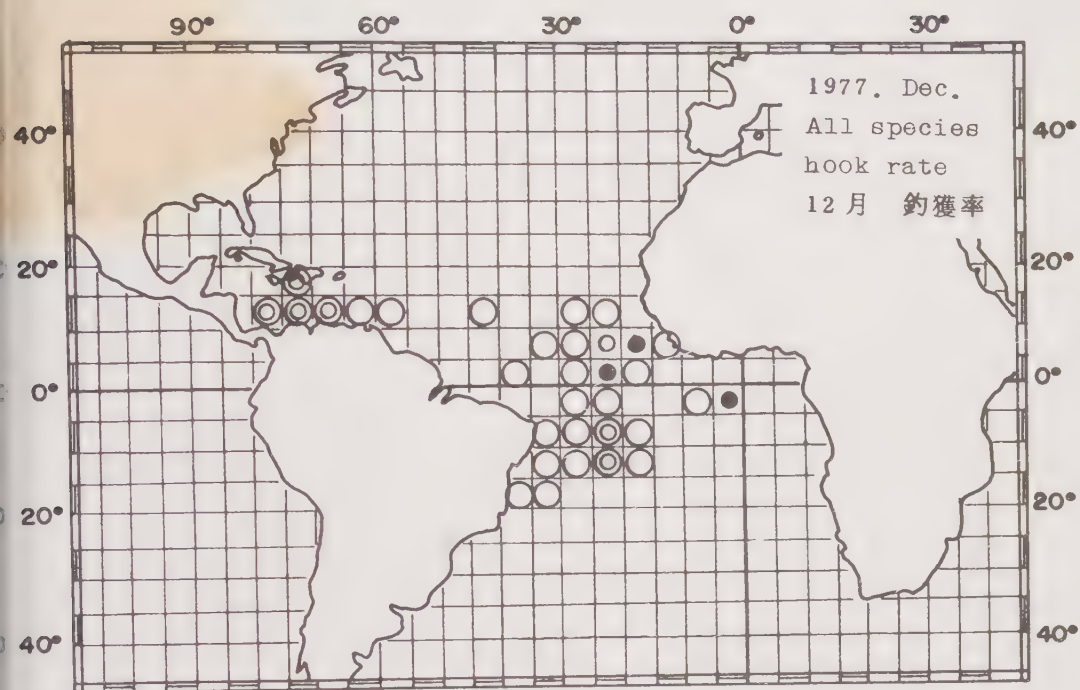












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날개다랭이, 황다랭이, 눈다랭이
釣獲率 및 漁獲努力 分布図

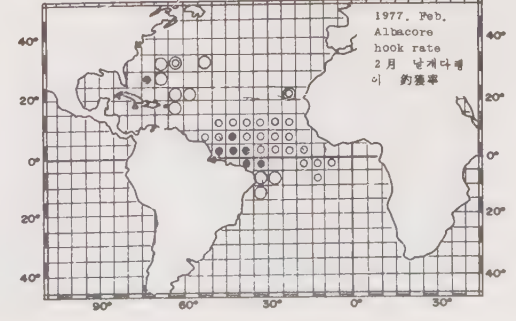
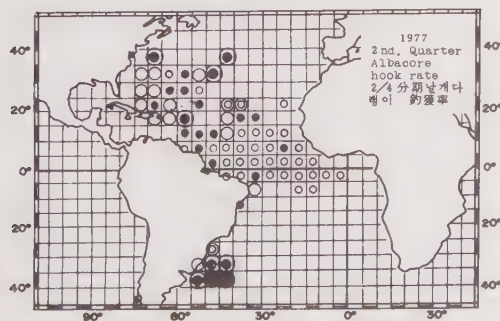
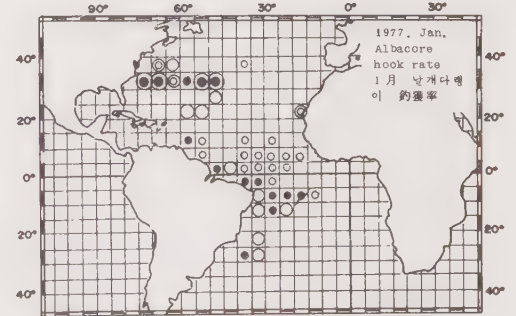
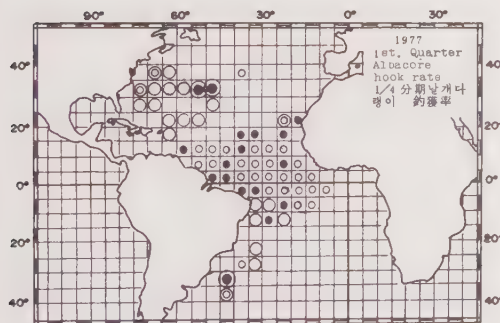
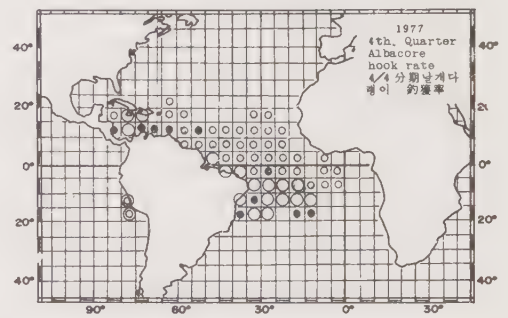
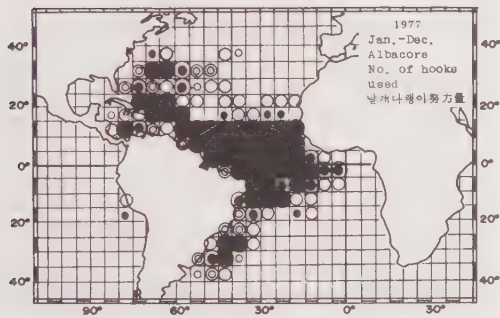
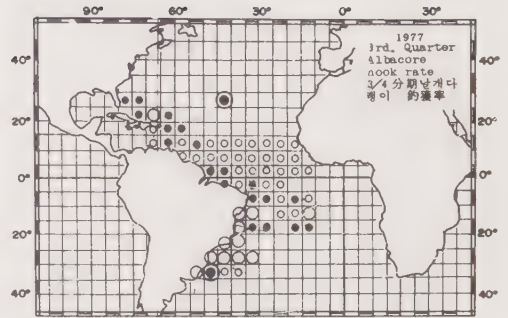
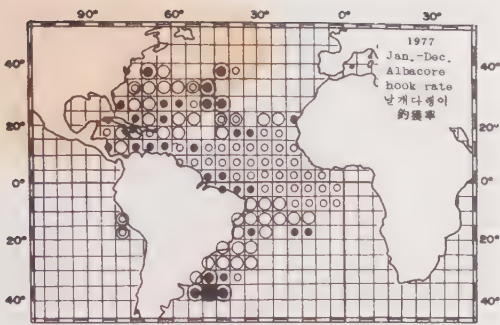
Albacore, Yellowfin, Bigeye

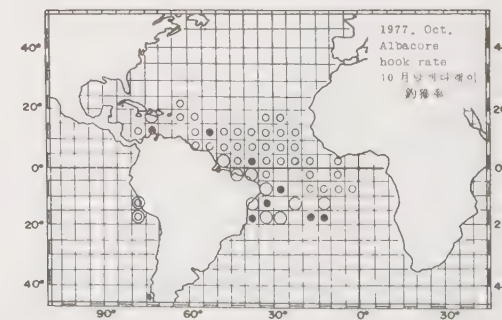
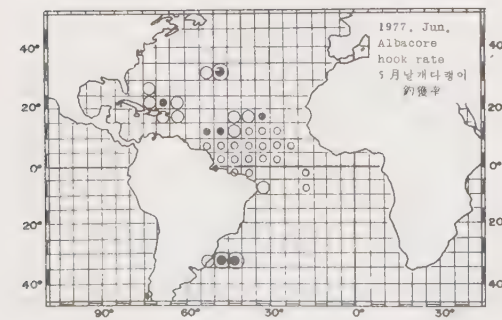
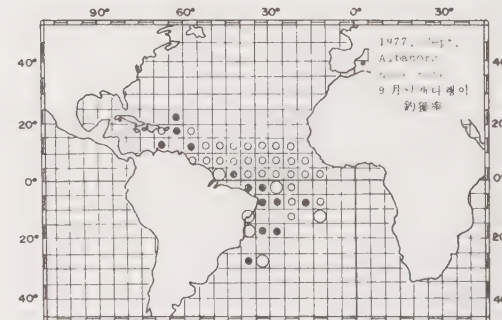
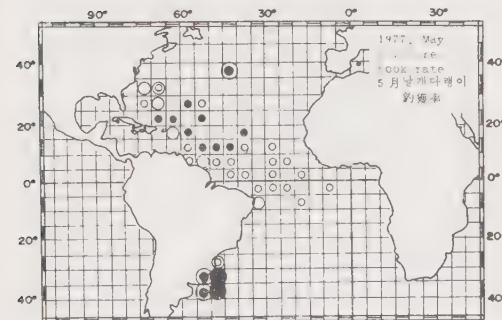
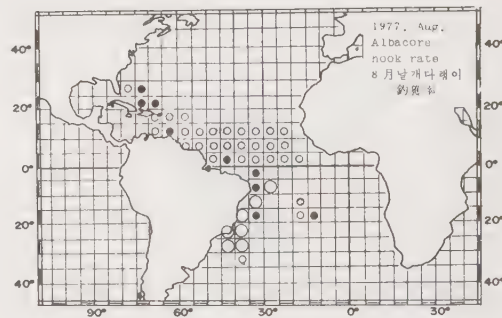
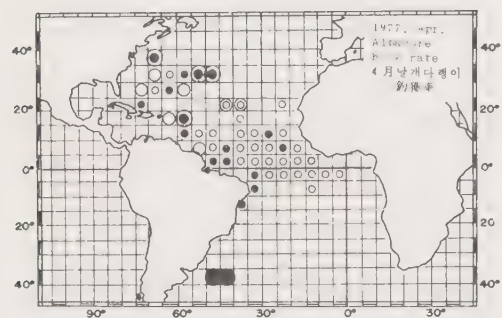
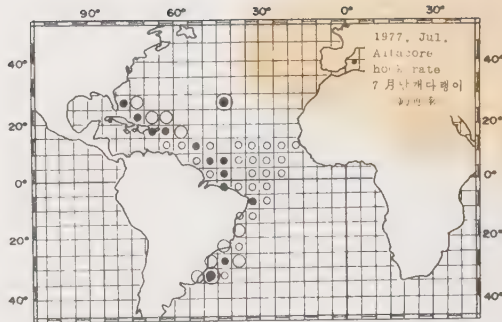
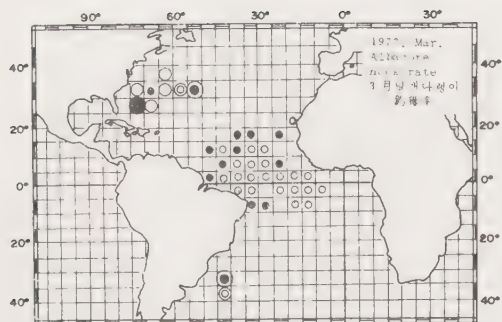
Hook rate and fishing effort

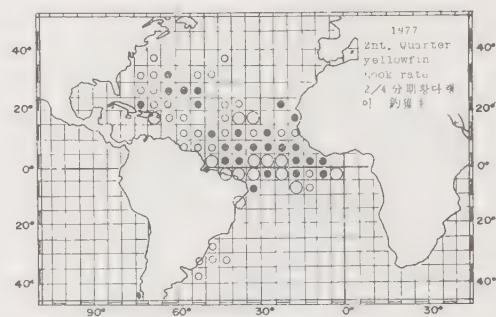
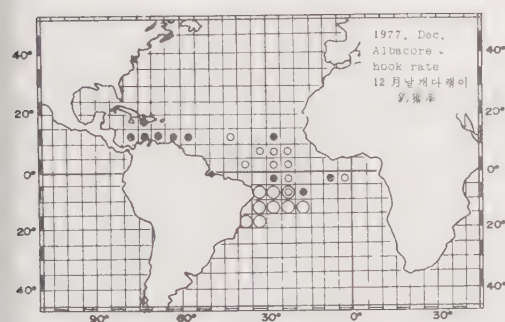
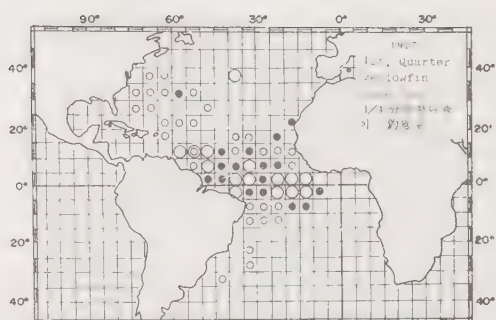
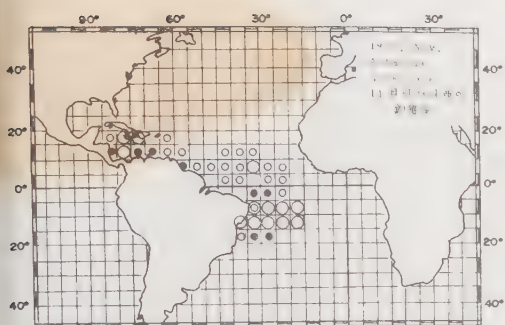
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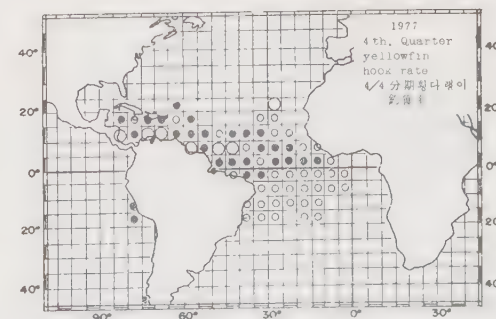
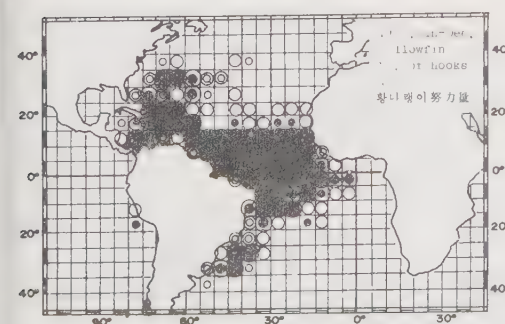
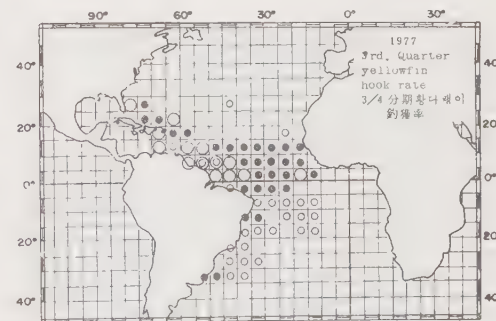
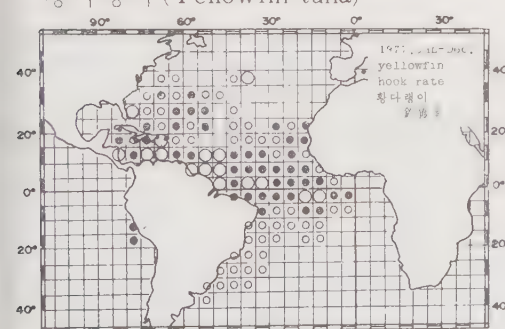


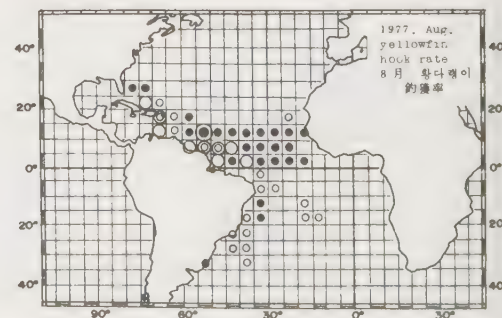
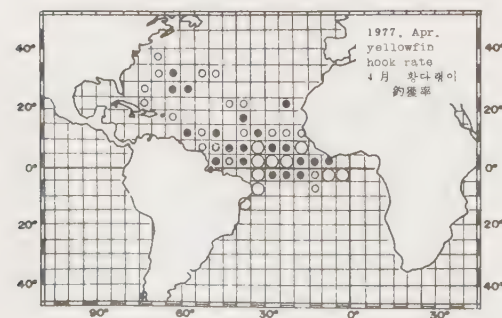
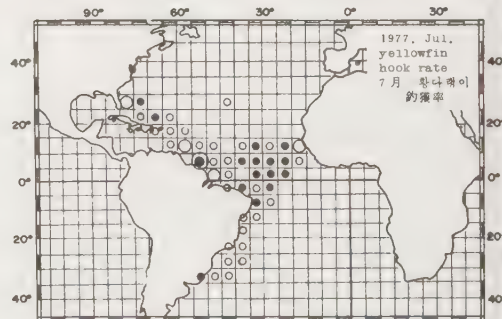
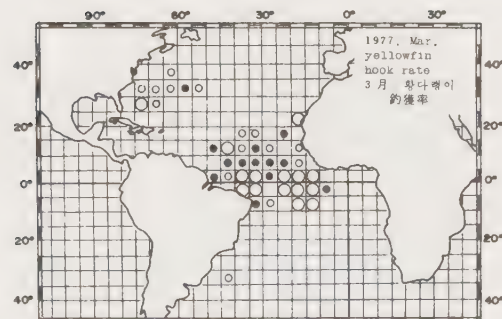
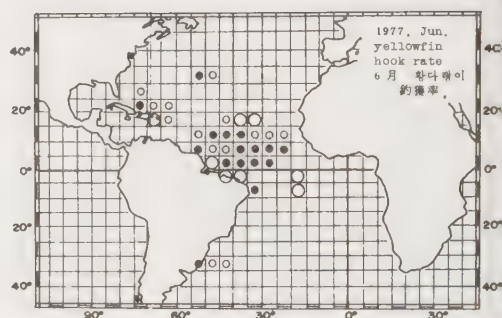
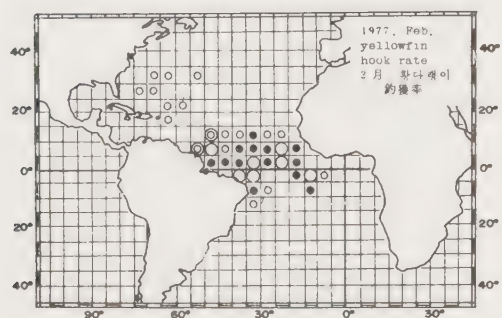
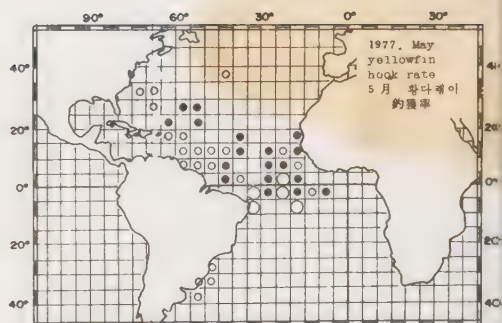
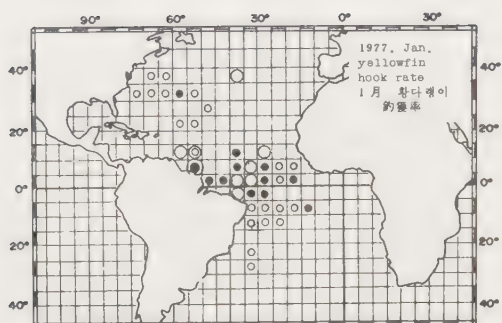


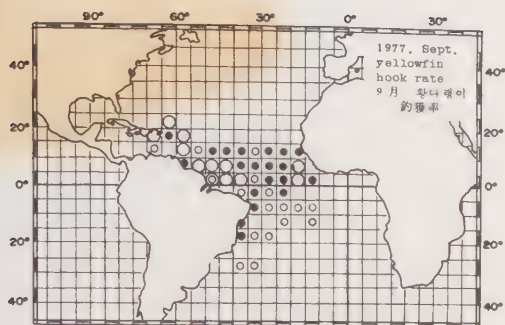




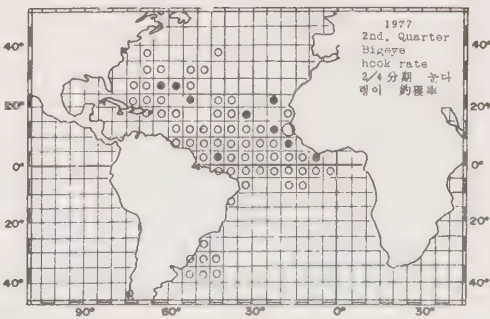
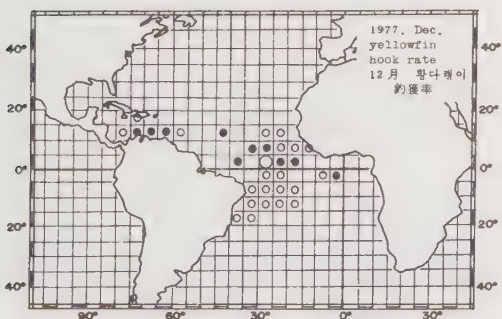
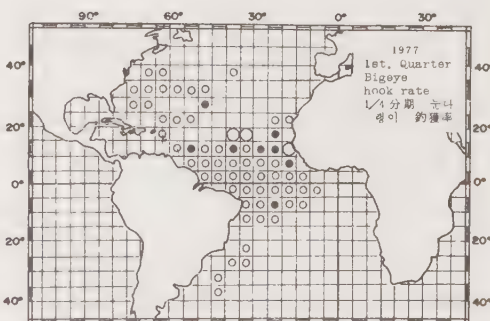
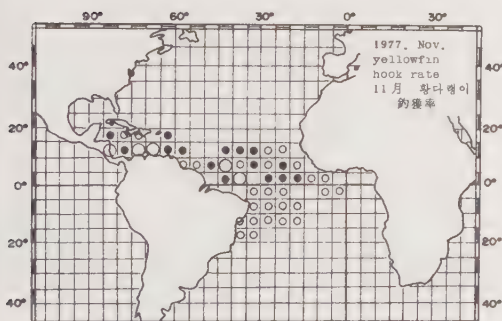
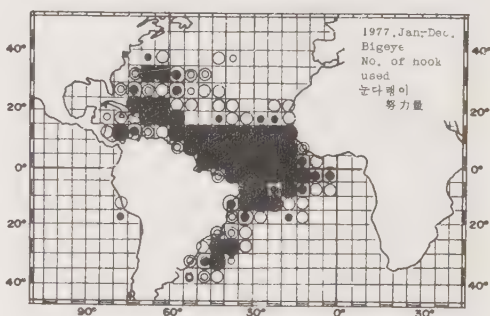
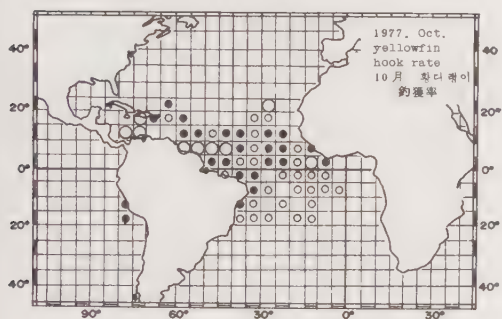
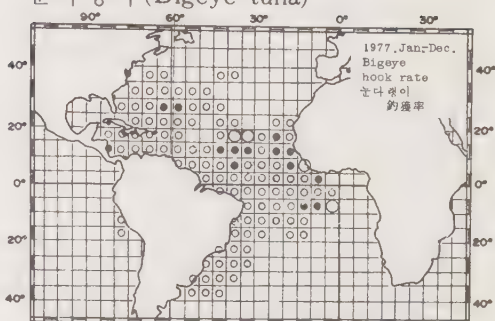
황다랭이 (Yellowfin tuna)

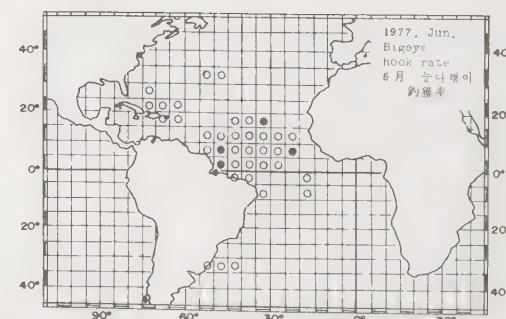
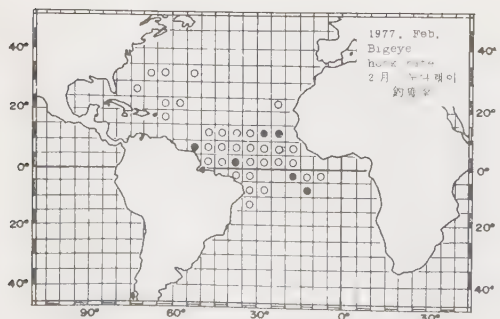
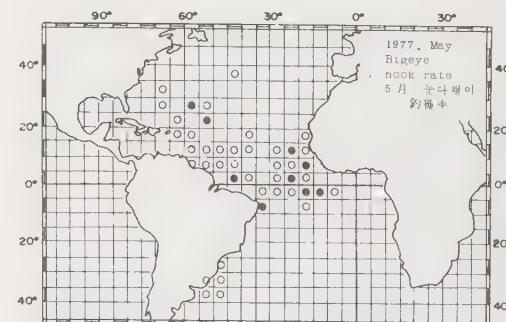
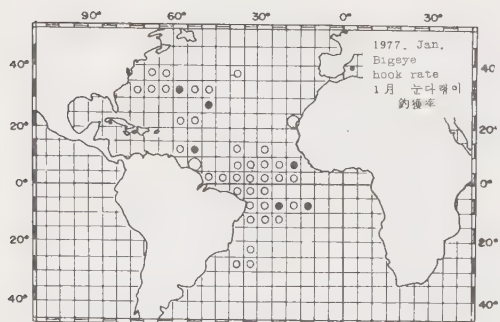
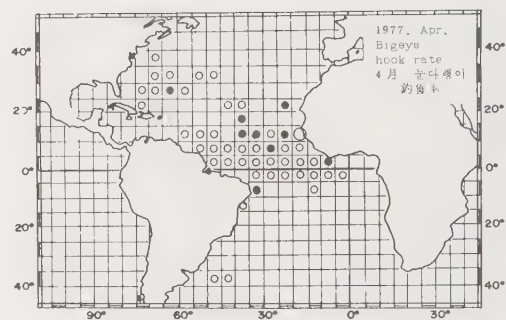
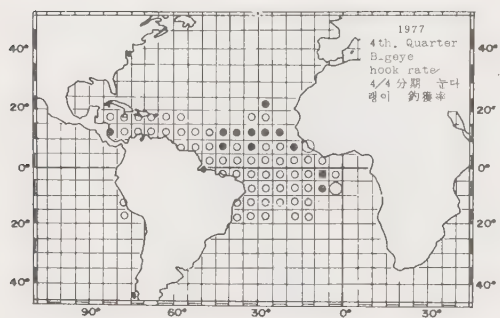
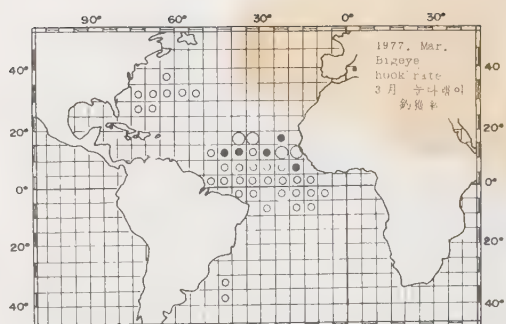
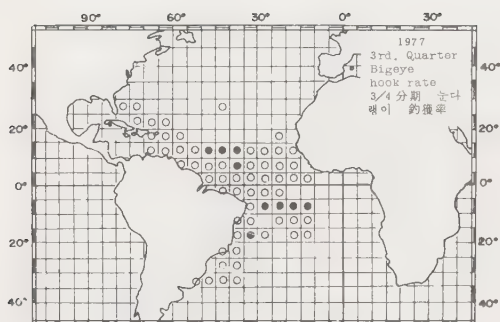


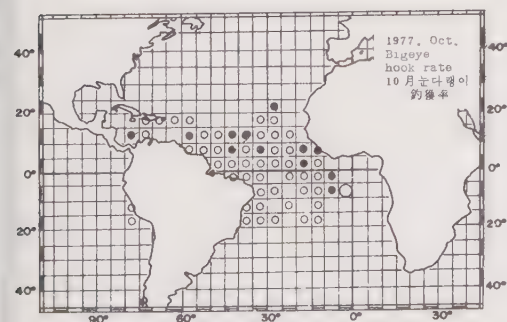
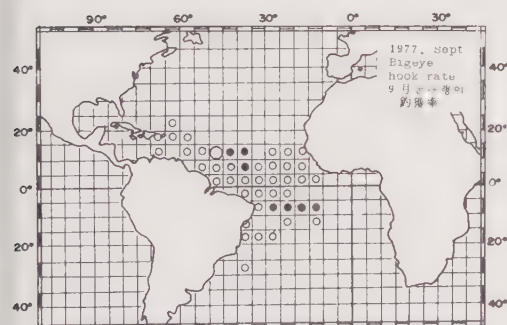
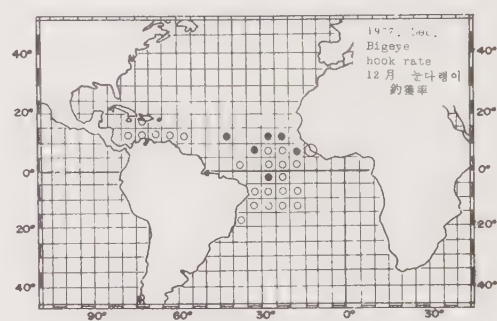
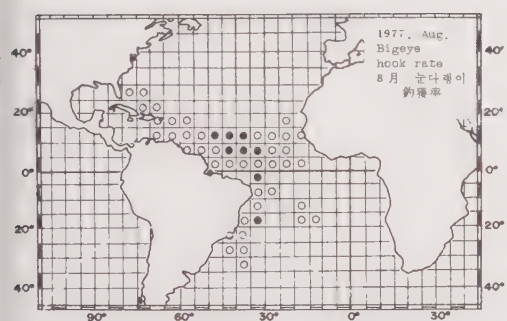
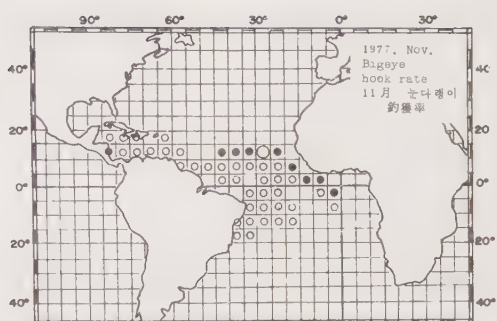
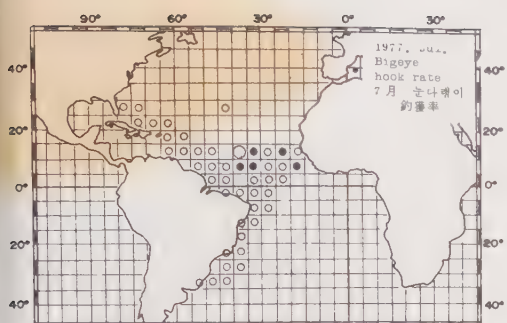




눈다랭이 (Bigeye tuna)









1978

全 魚 種

年別・分期別・月別・釣獲率 及 漁獲努力分布図

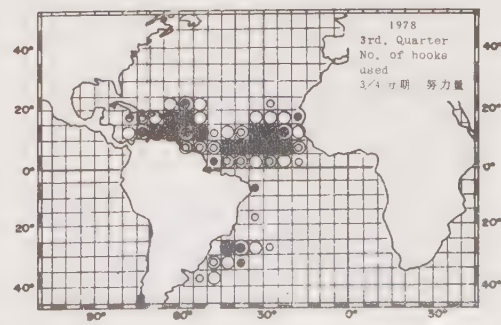
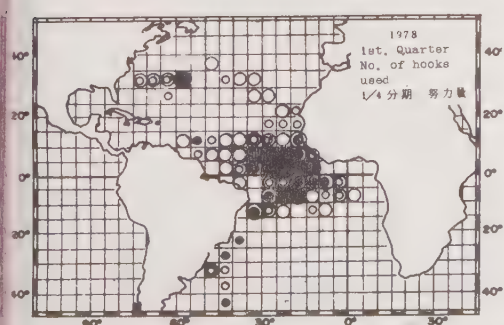
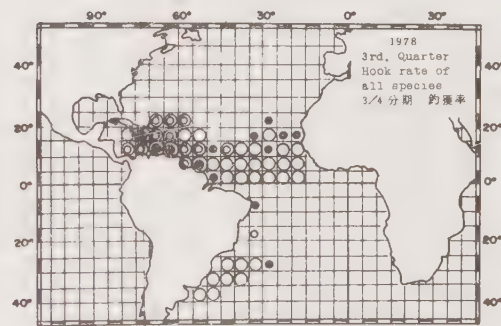
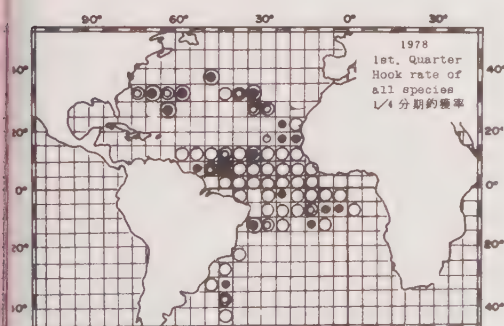
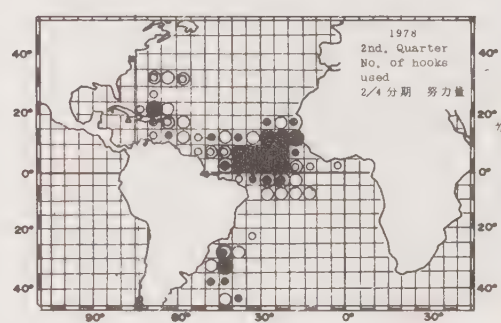
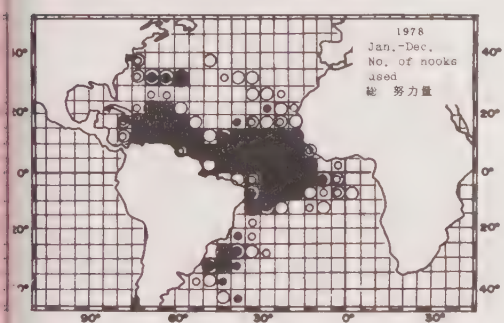
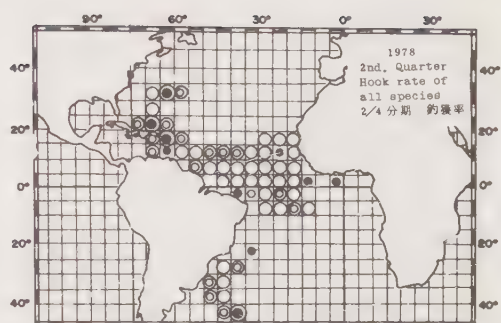
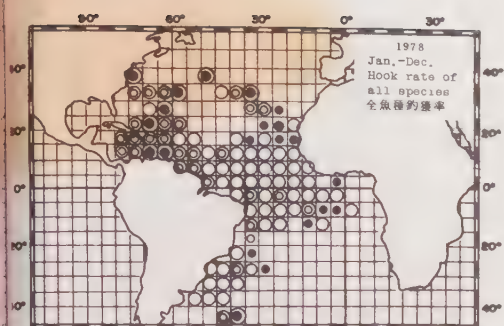
All Species

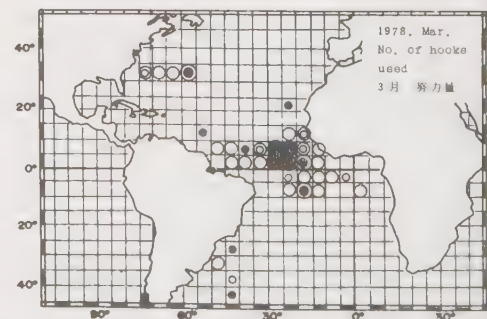
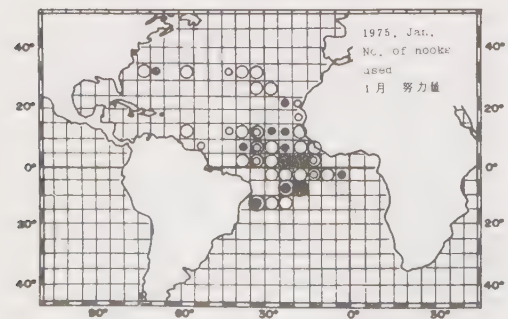
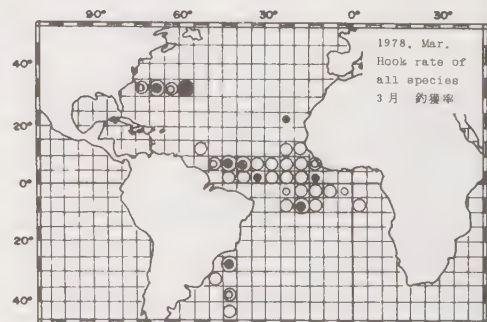
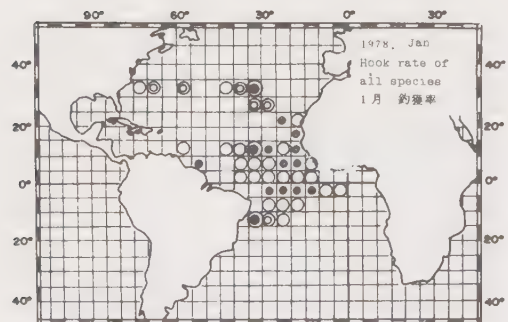
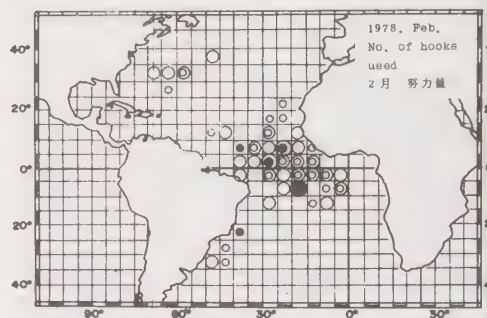
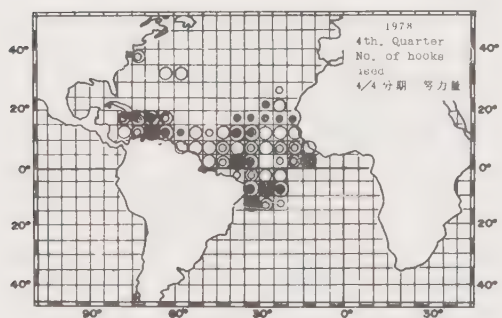
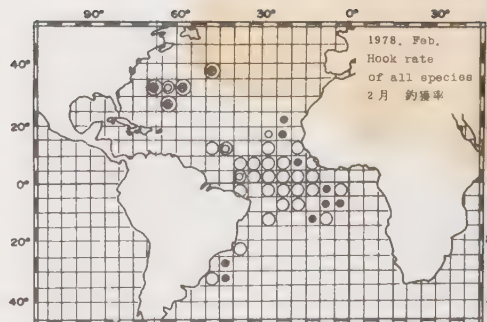
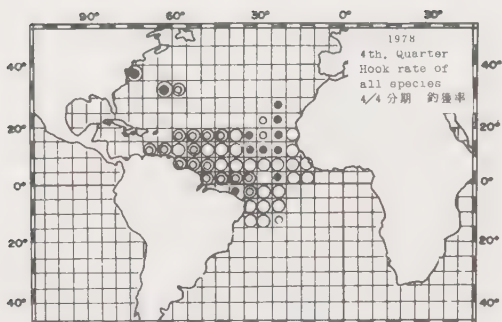
Hook rate and fishing effort by Month,
by quarter and by year

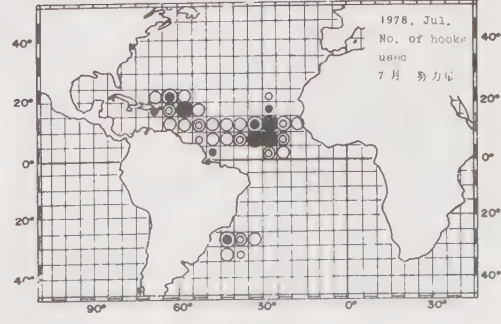
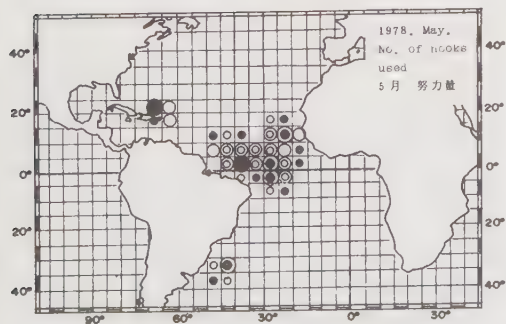
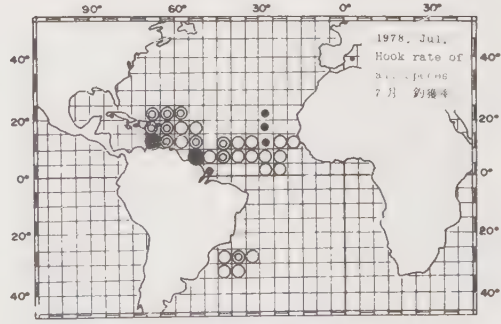
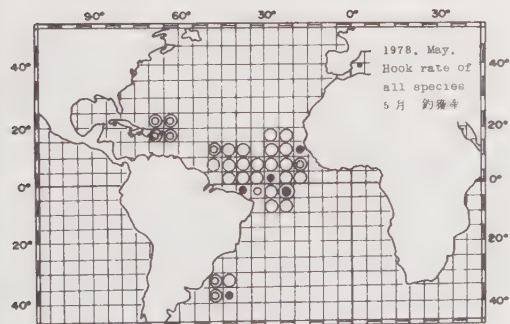
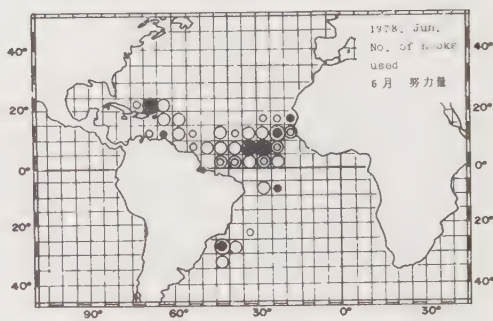
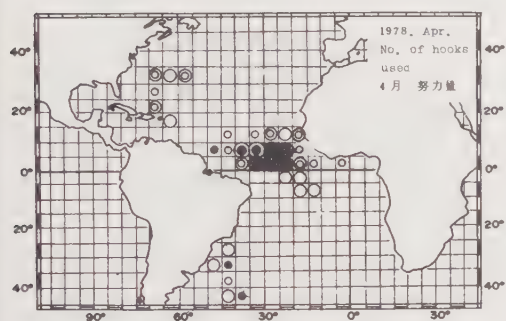
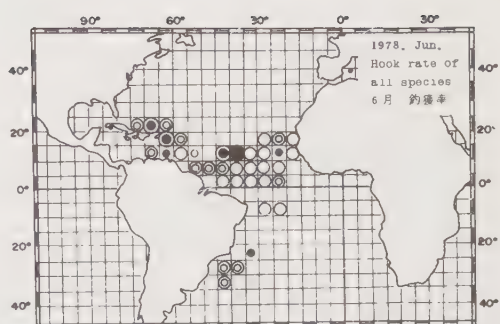
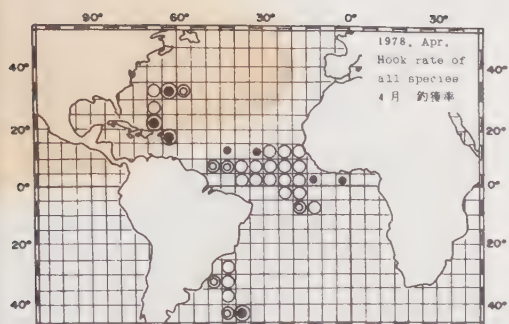
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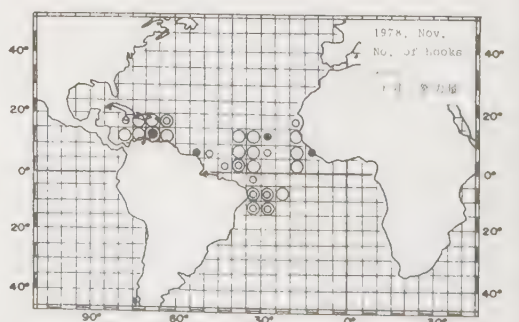
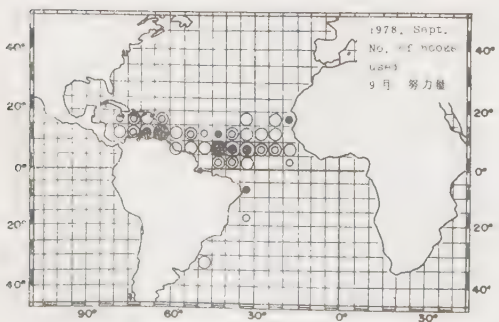
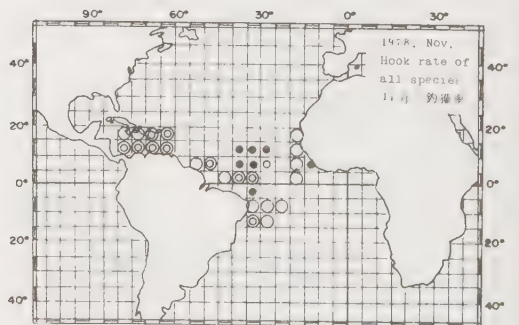
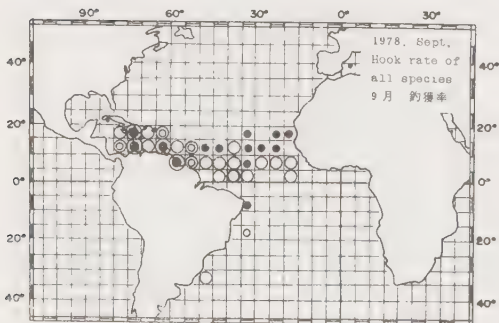
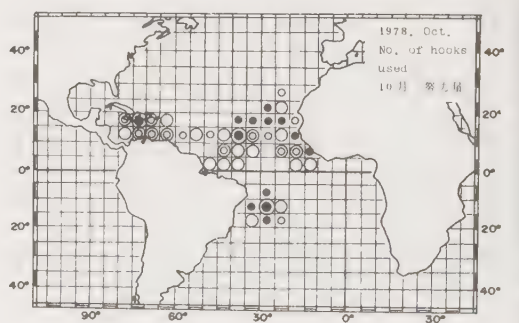
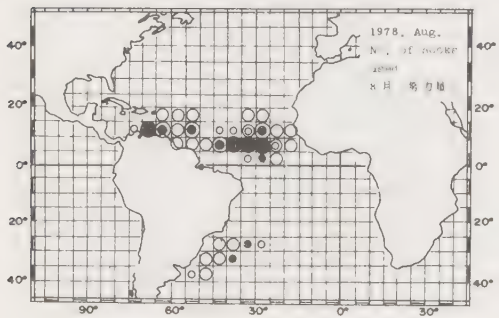
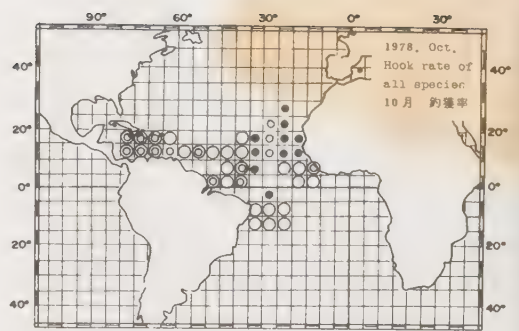
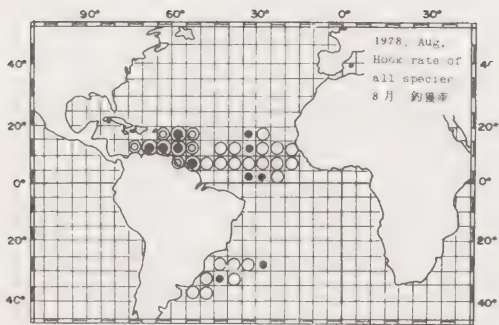
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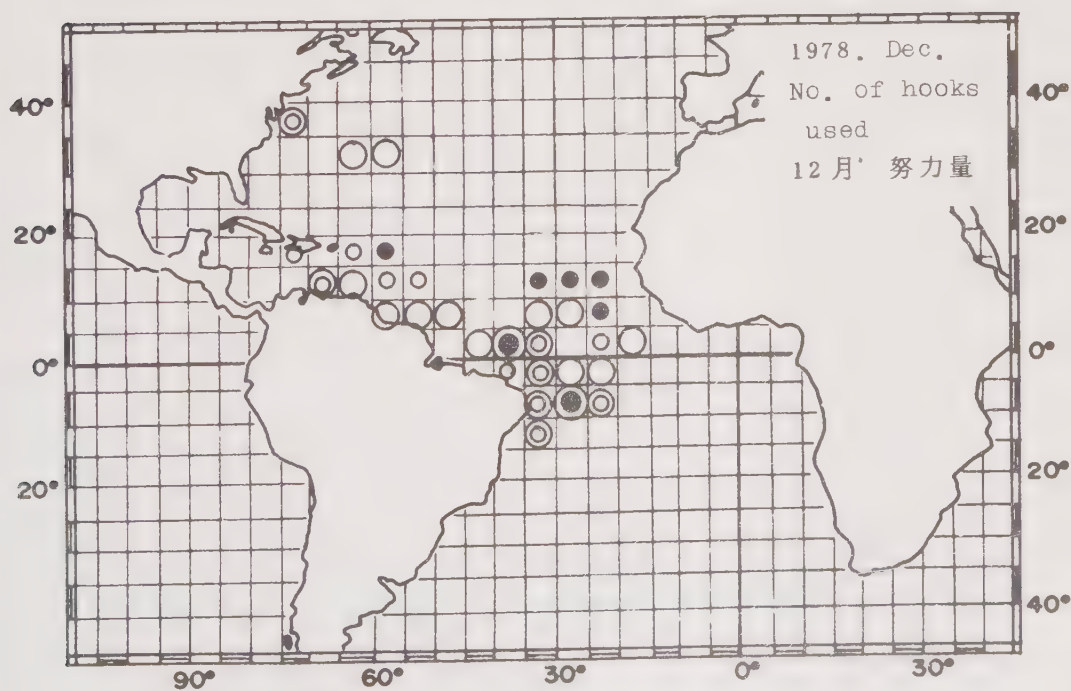
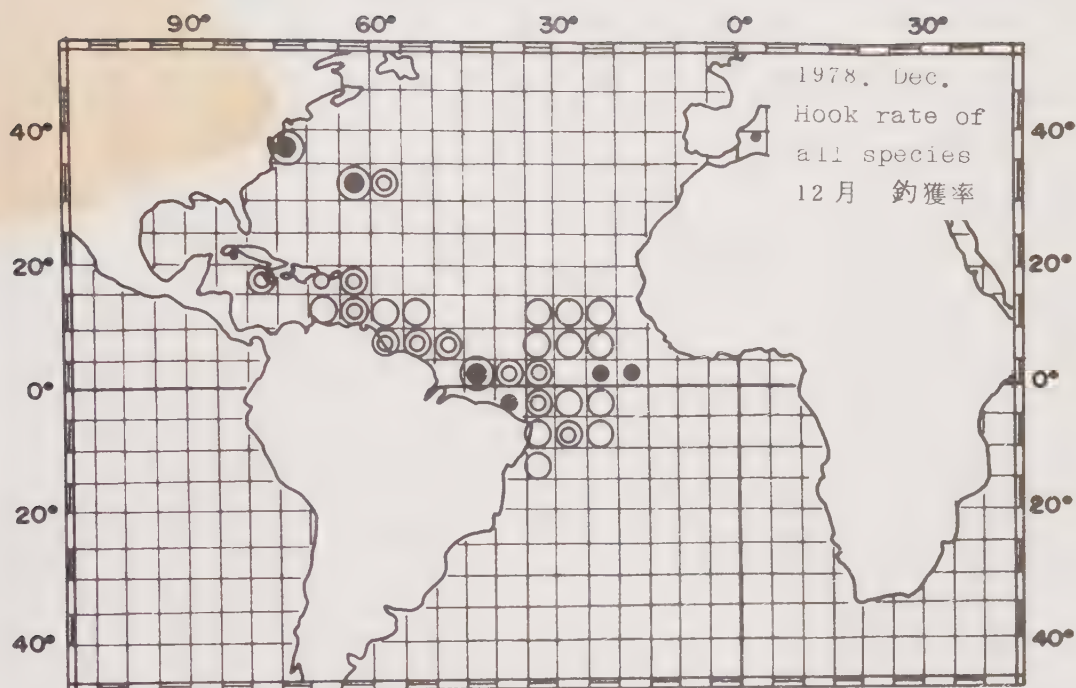














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날개다랭이, 황다랭이, 눈다랭이
釣獲率 및 漁獲努力 分布圖

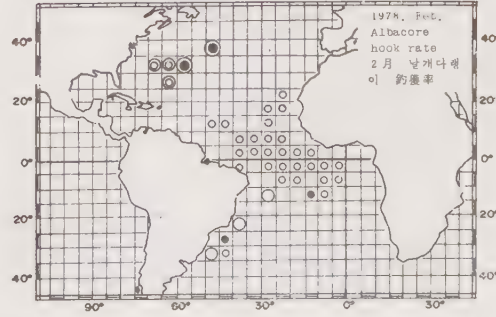
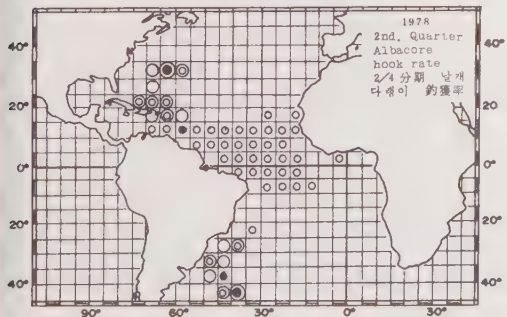
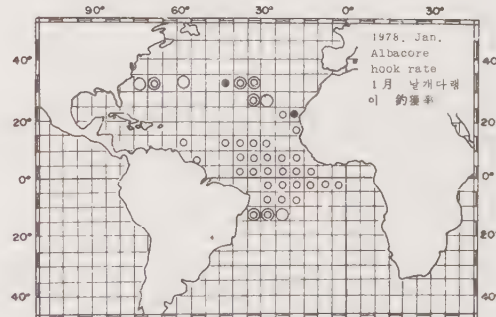
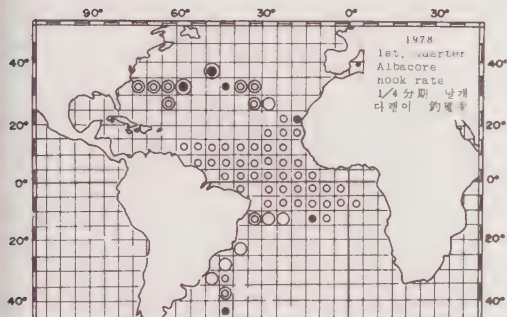
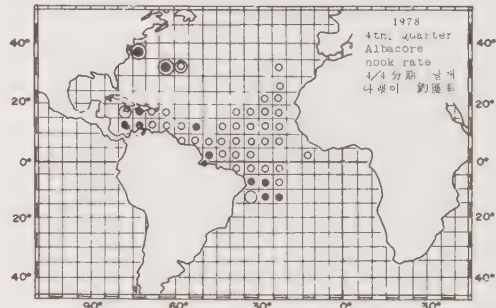
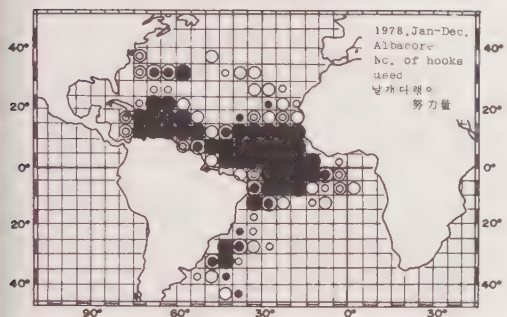
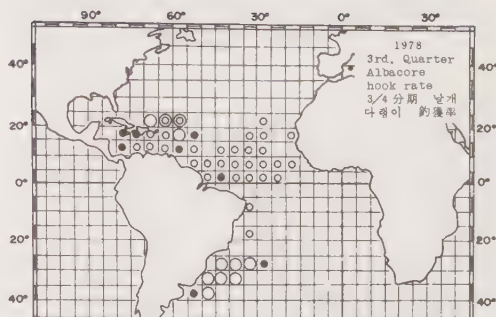
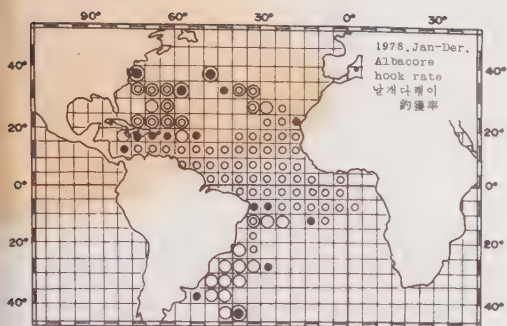
Albacore, Yellowfin, Bigeye

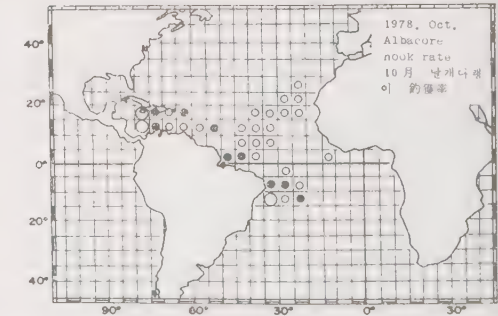
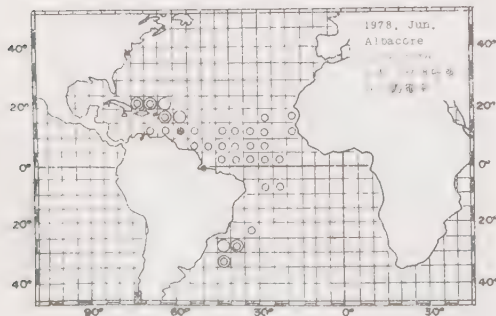
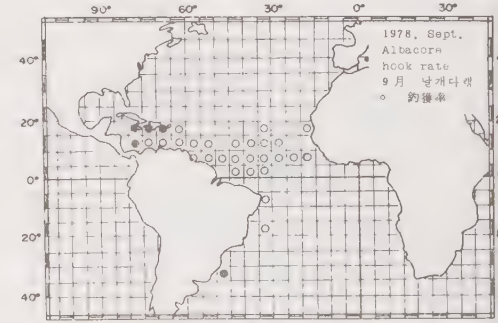
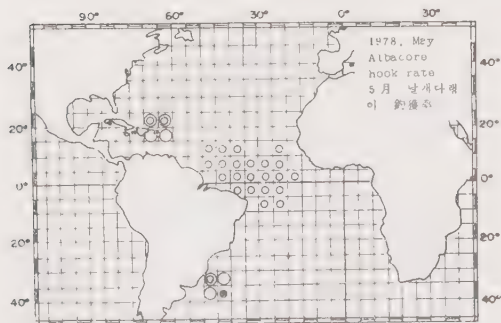
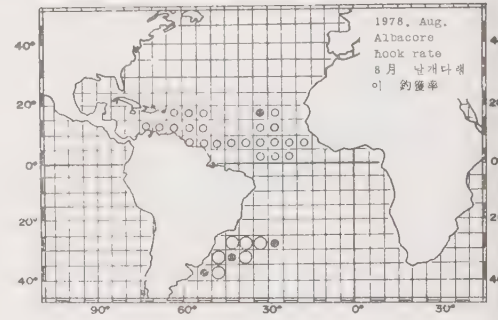
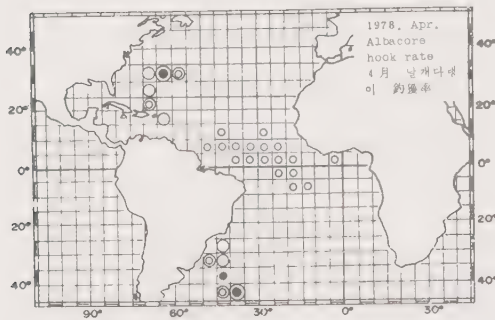
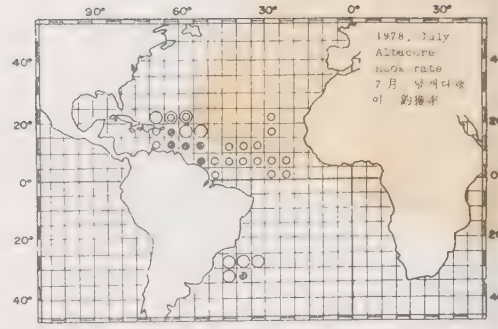
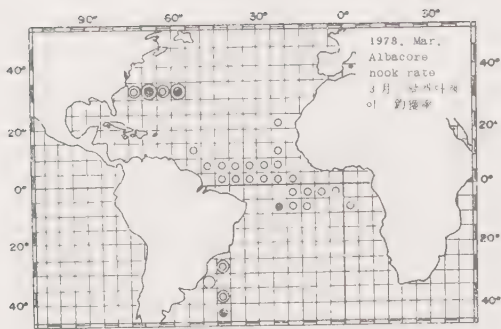
Hook rate and fishing effort

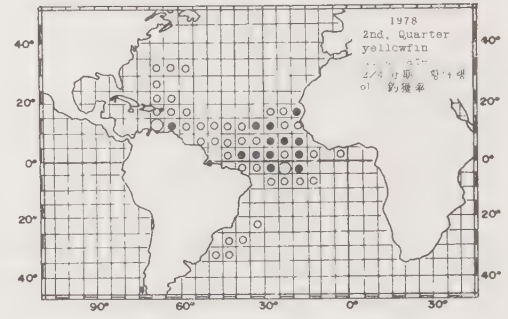
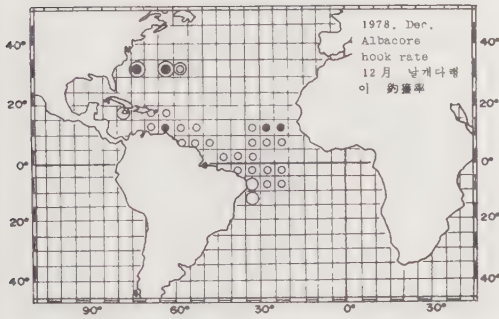
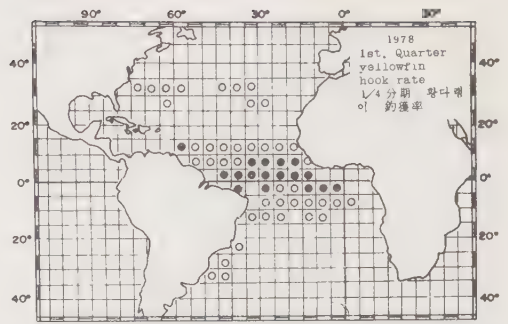
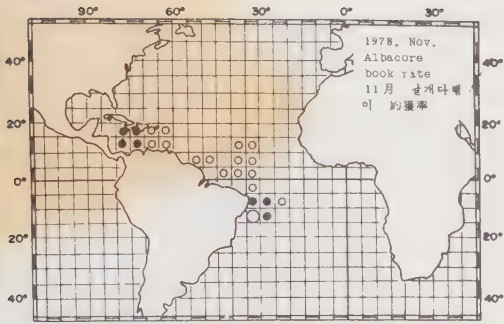
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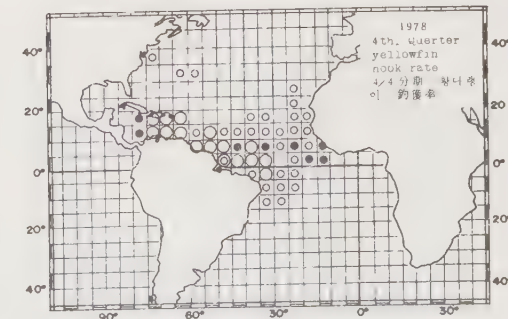
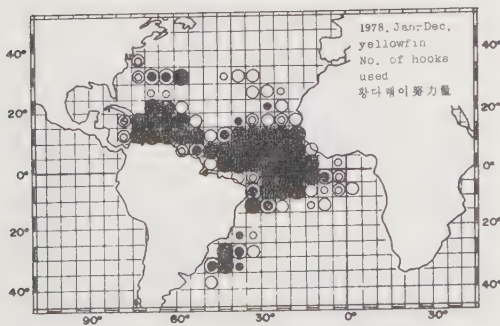
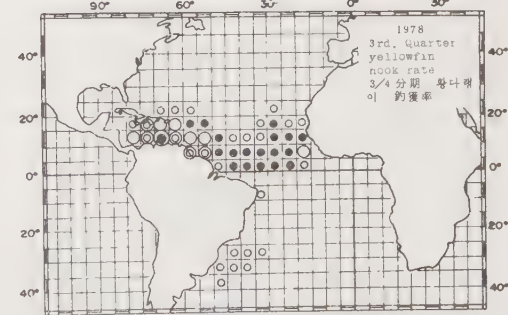
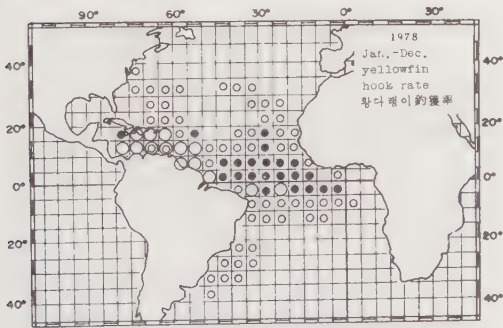


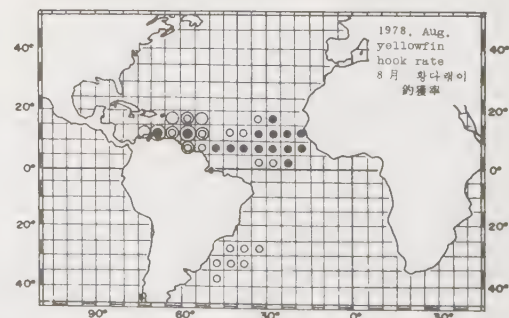
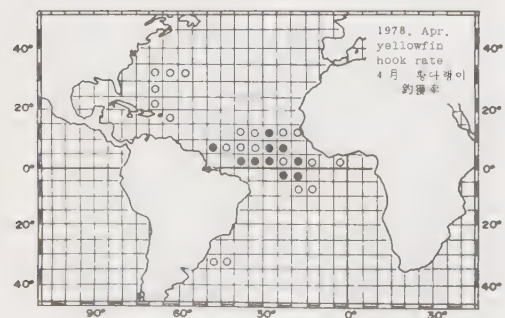
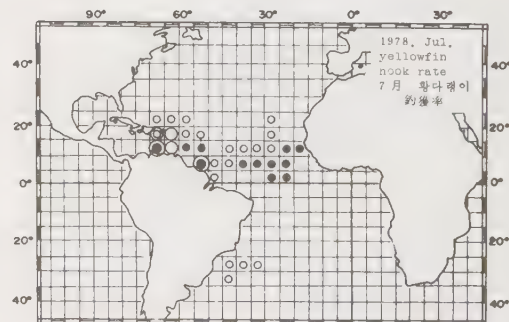
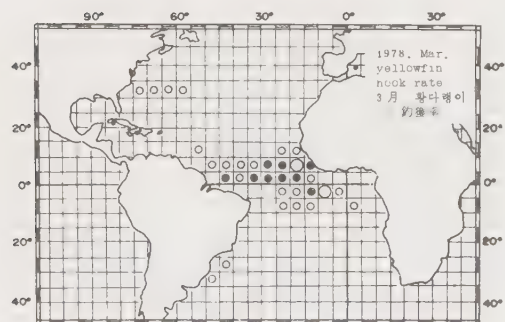
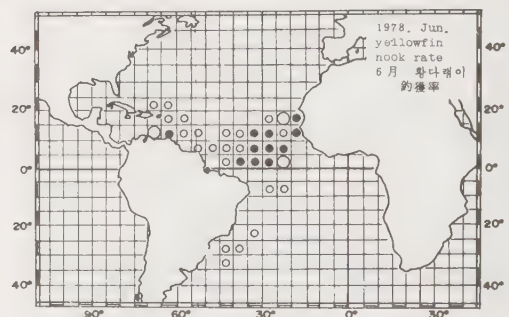
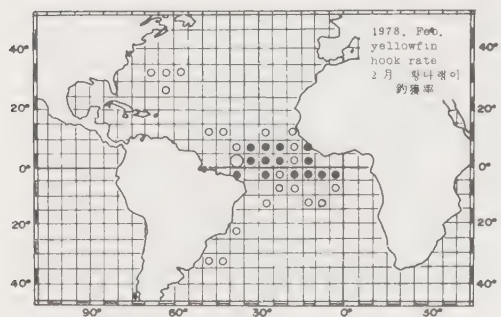
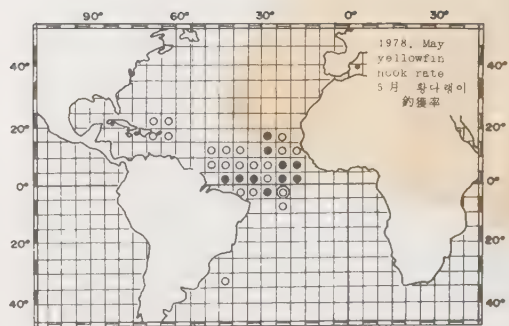
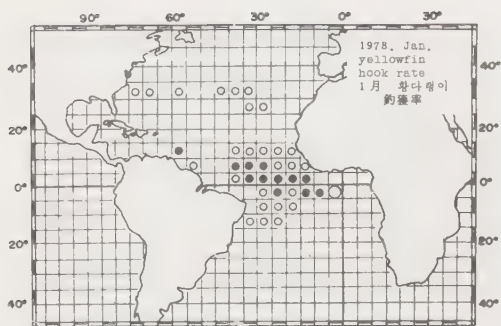




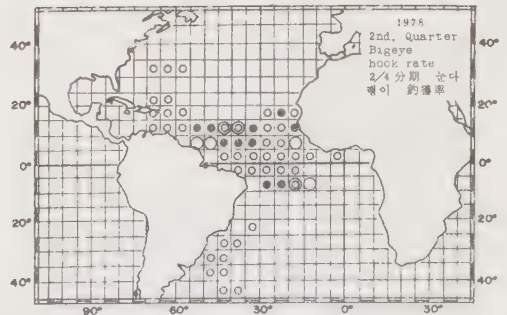
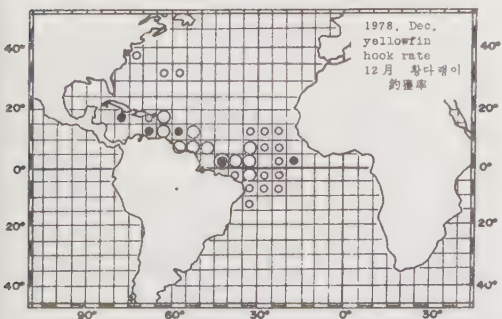
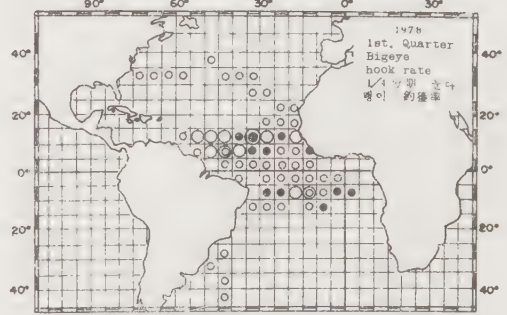
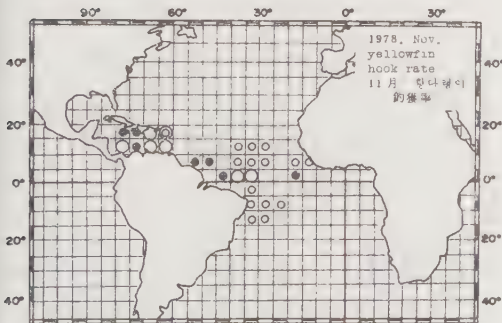
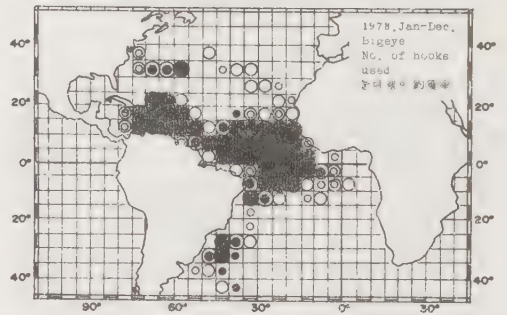
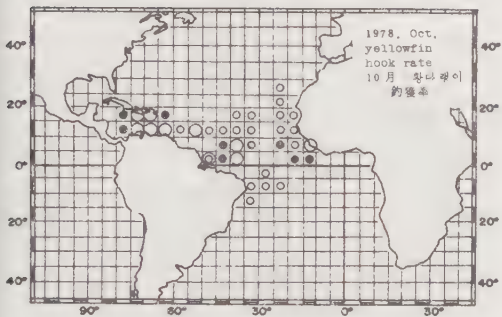
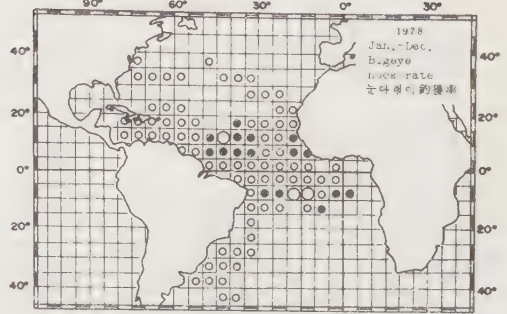
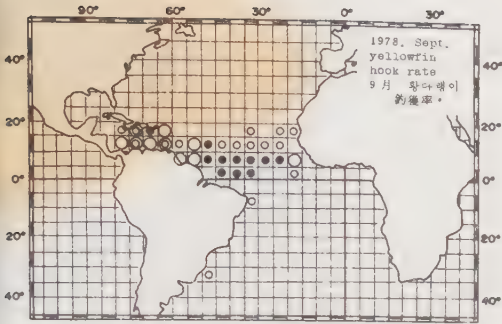


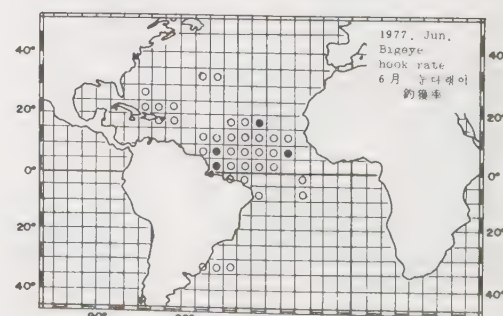
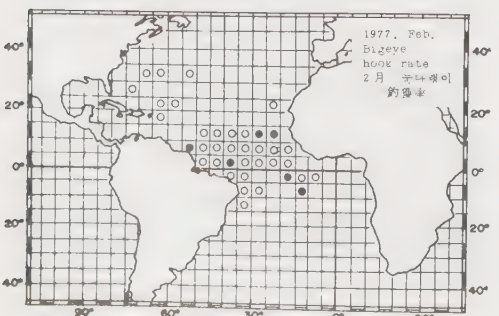
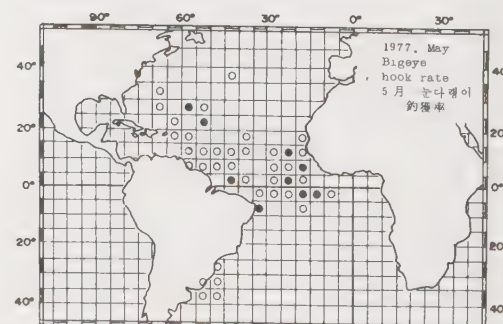
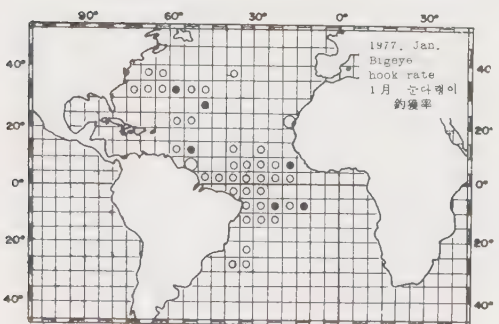
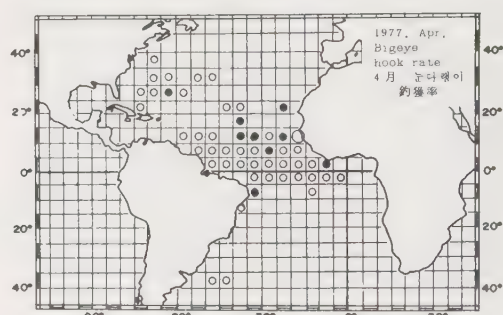
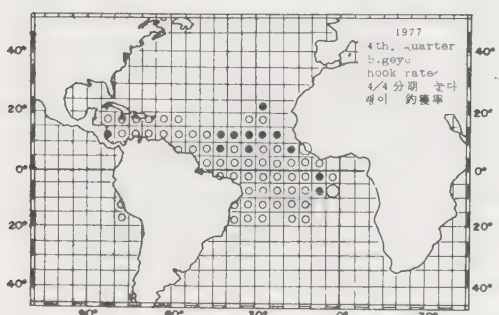
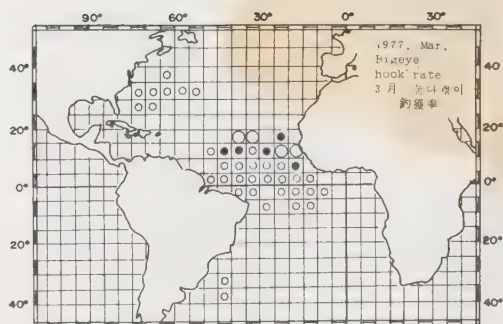
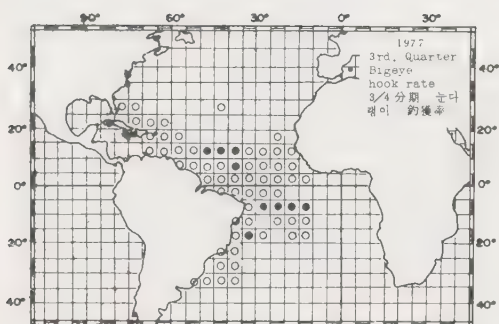
황다랭이 (Yellowfin tuna)

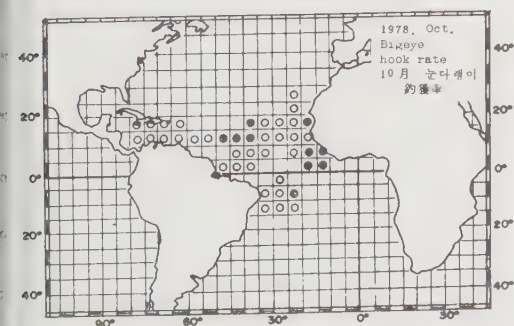
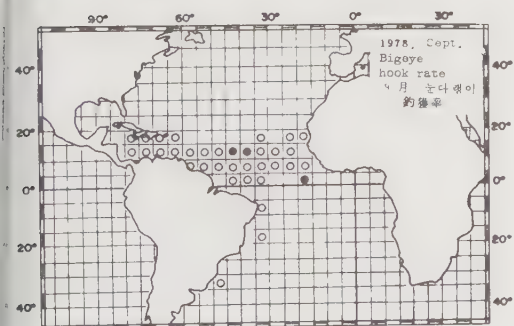
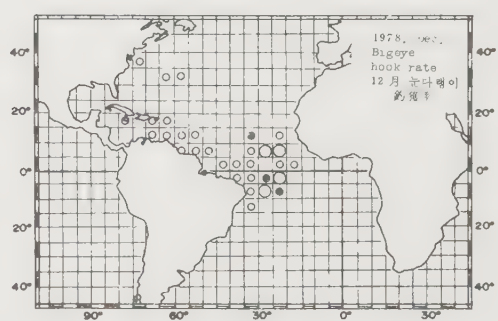
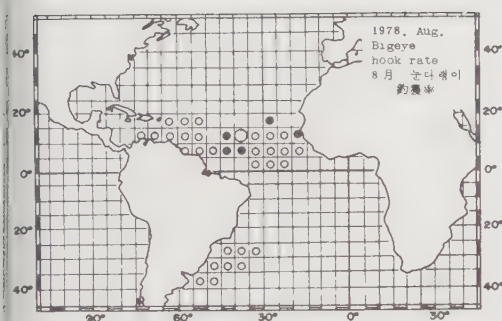
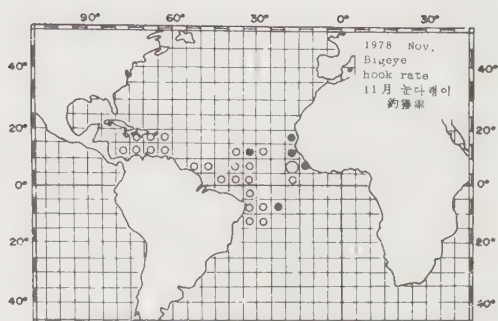
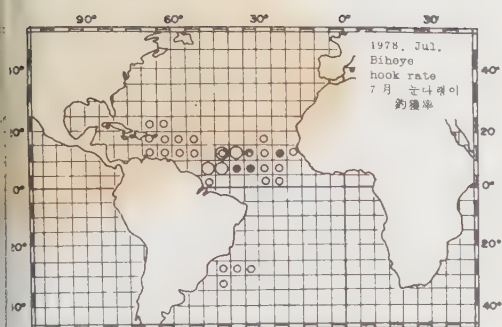




눈다랭이 (Bigeye tuna)









印 度 洋

Indian Ocean

1975-1978

1. 全魚種의 年別・分期別・釣獲率 및 努力量 分布圖

Distribution of hook rate and fishing effort
of all species by month, by quarter and by year

2. 魚種別・分期別・月別・釣獲率 및 努力量 分布圖

날개다랭이, 황다랭이, 눈다랭이

Distribution of hook rate and fishing effort
by species, by month and by quarter

Albacore, Yellowfin, Bigeye



1975

全 魚 種

年別・分期別・月別・釣獲率 및 漁獲努力分布圖

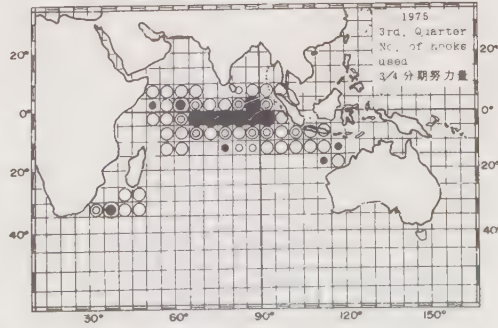
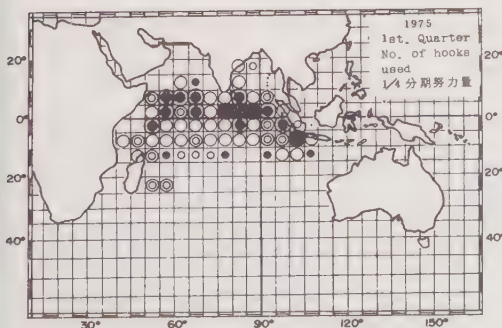
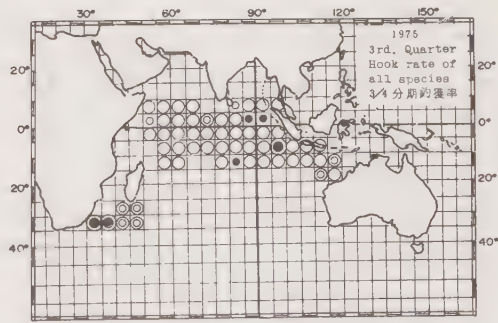
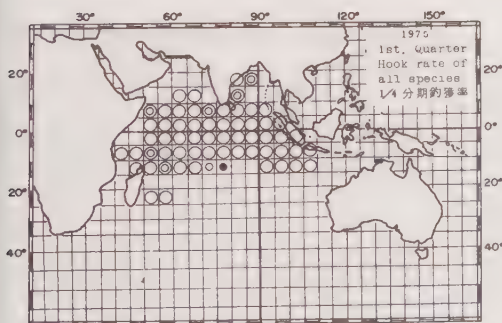
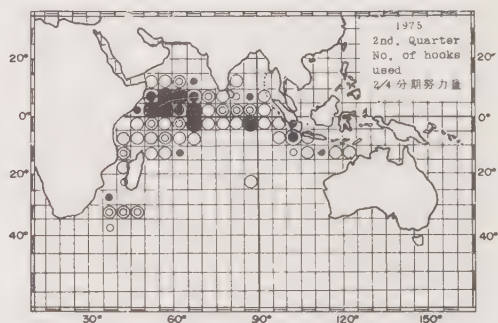
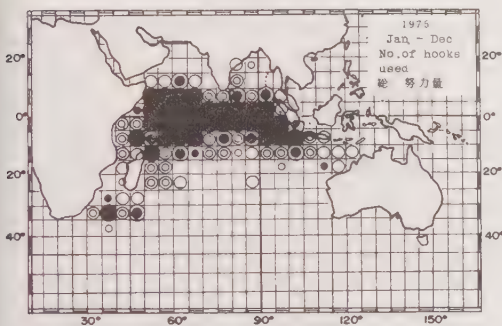
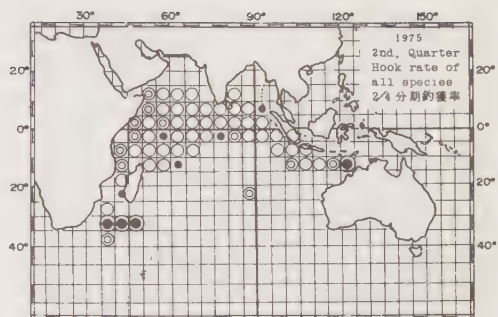
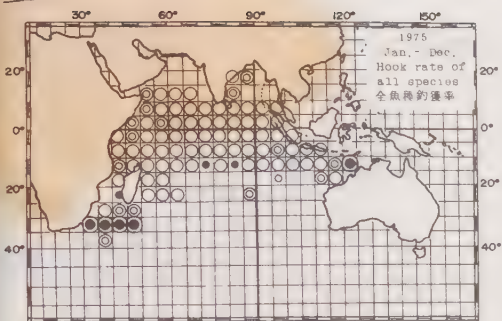
All Species

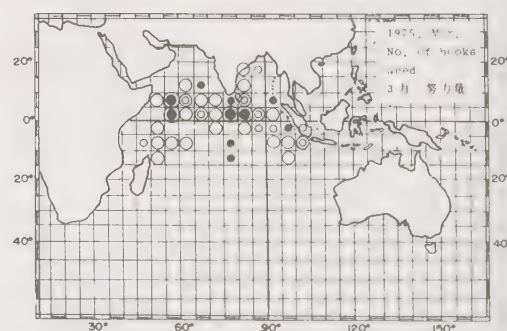
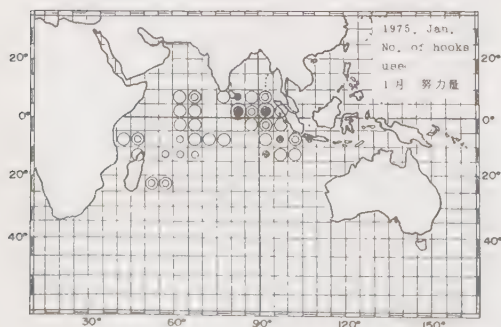
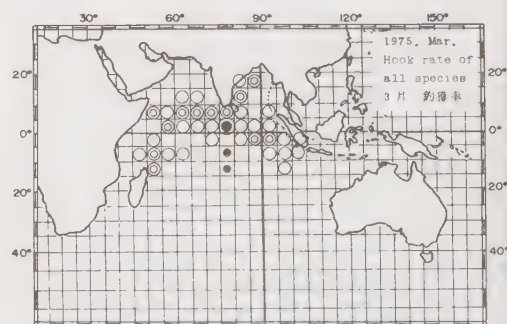
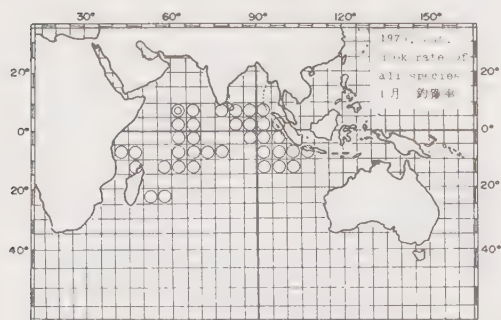
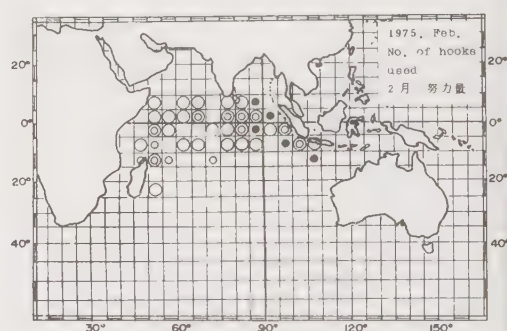
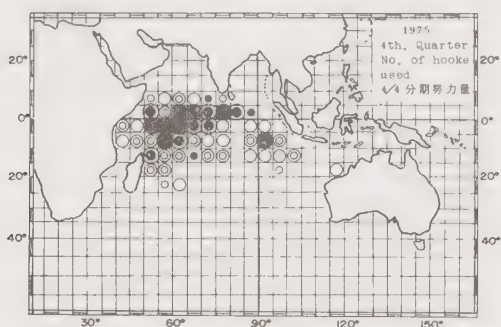
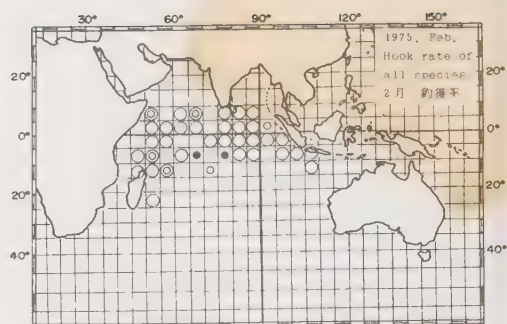
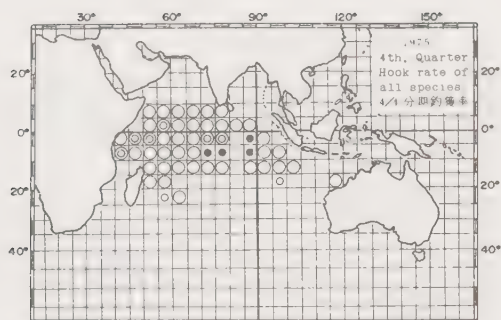
Hook rate and fishing effort by Month,
by quarter and by year

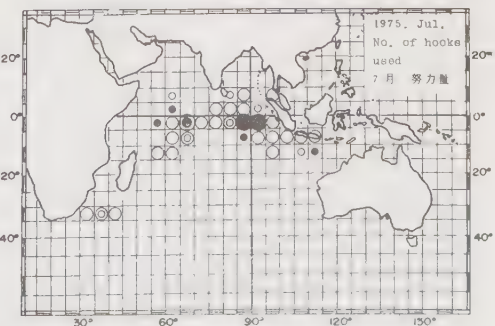
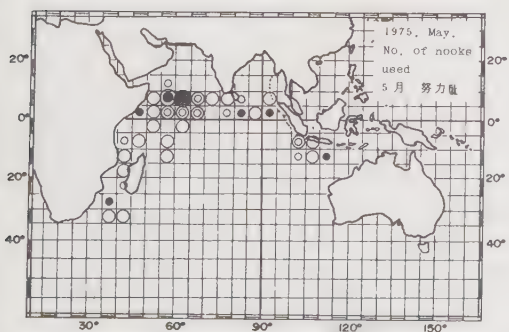
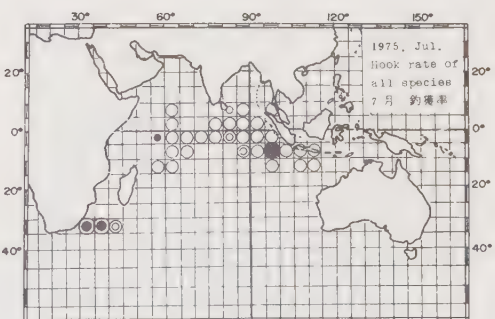
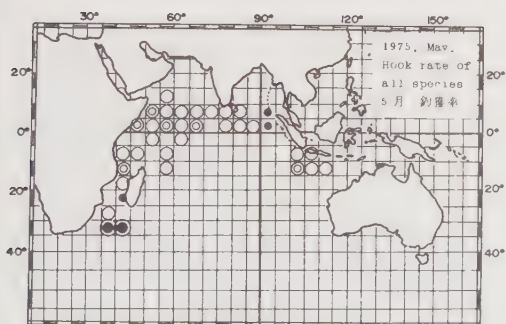
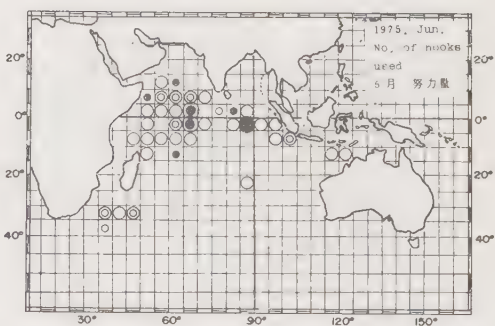
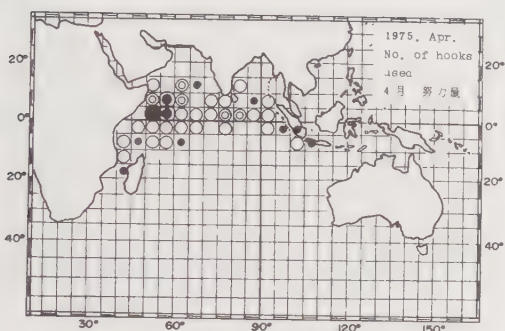
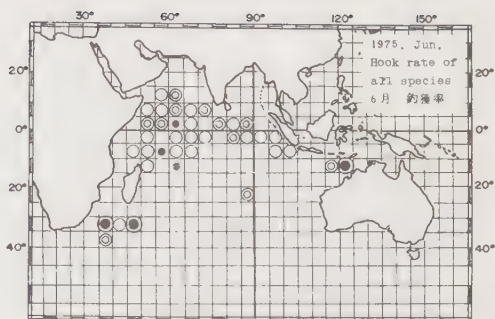
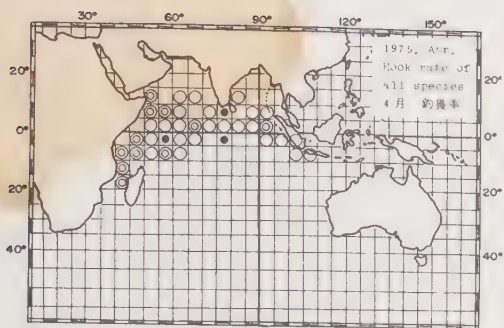
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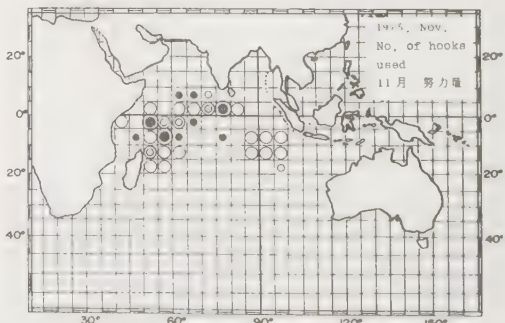
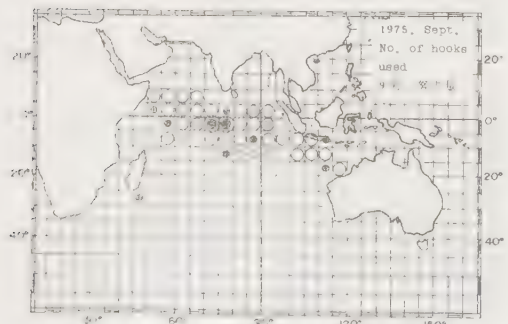
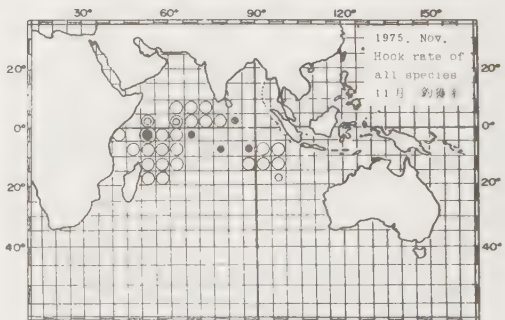
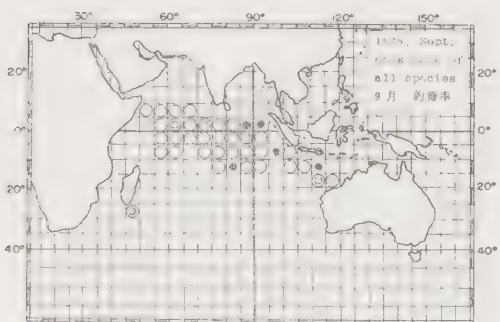
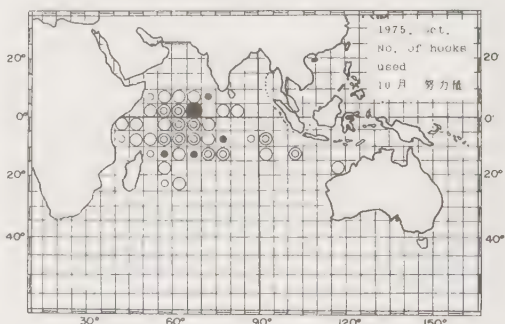
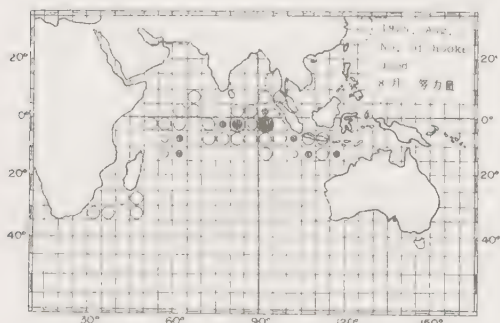
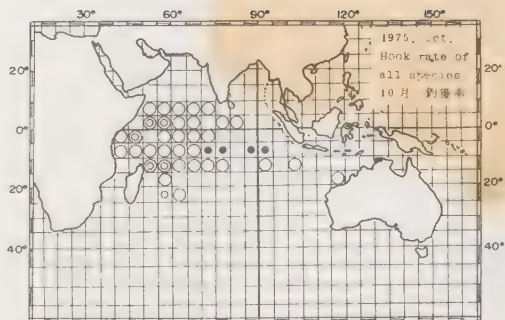
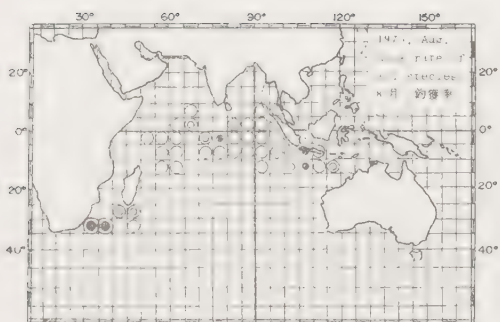
1975

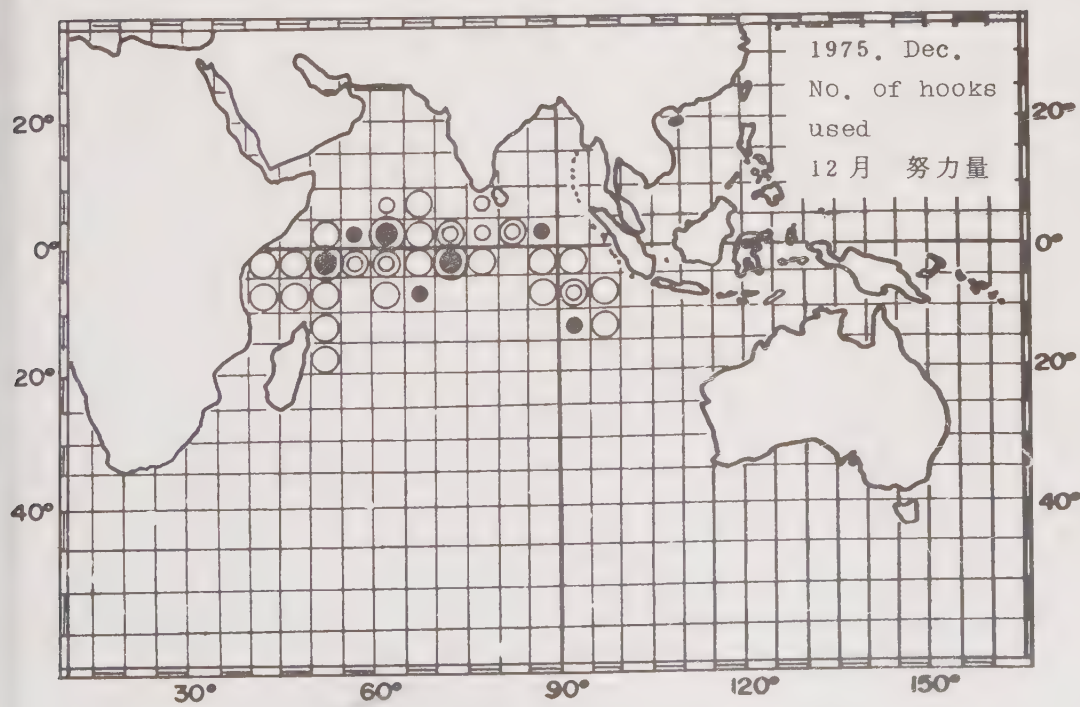
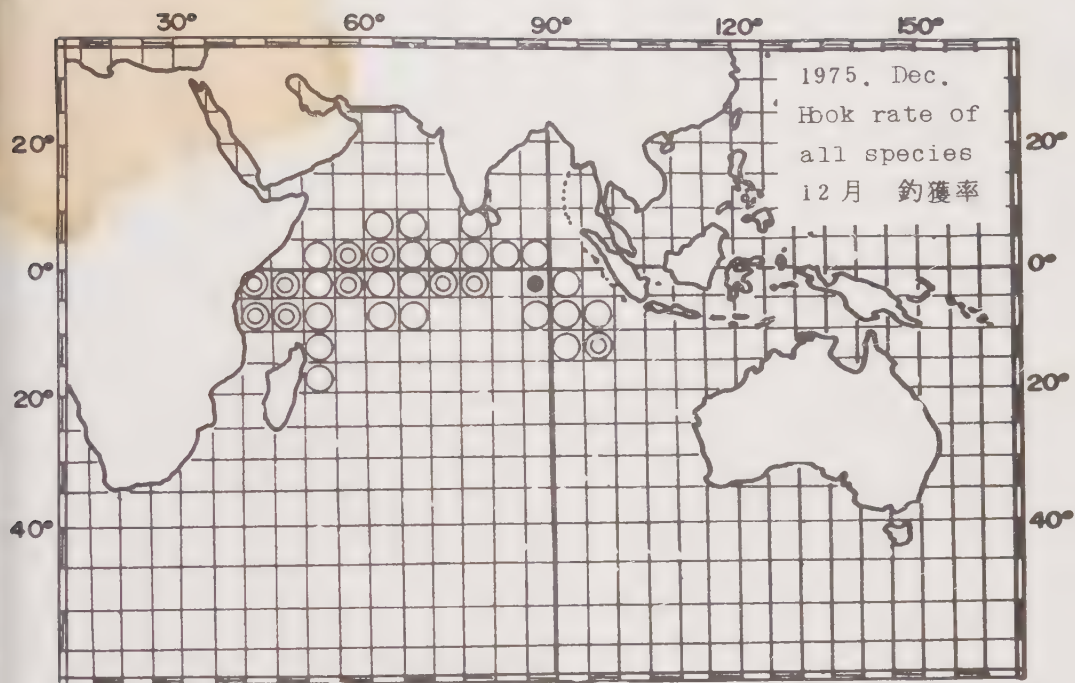














1975

날개다랭이, 황다랭이, 눈다랭이

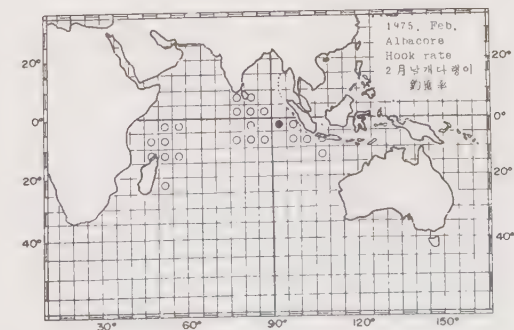
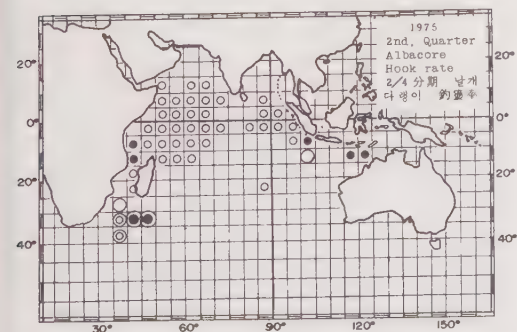
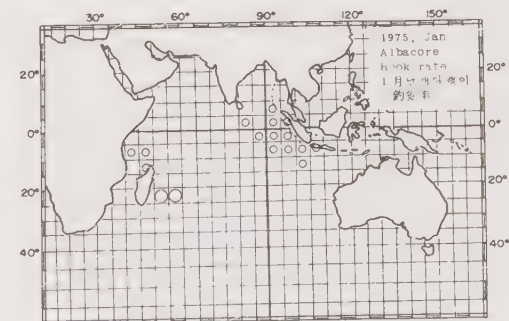
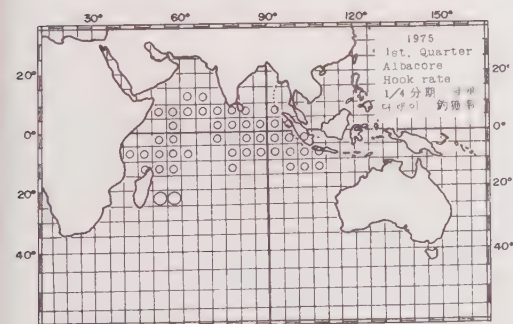
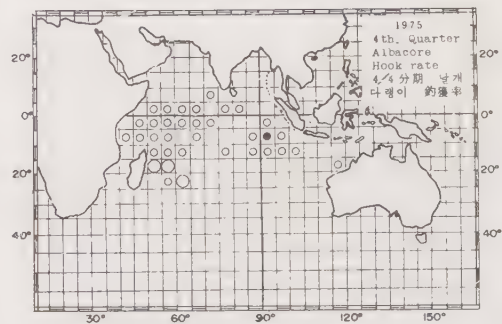
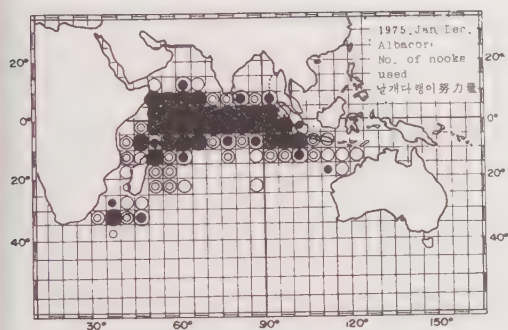
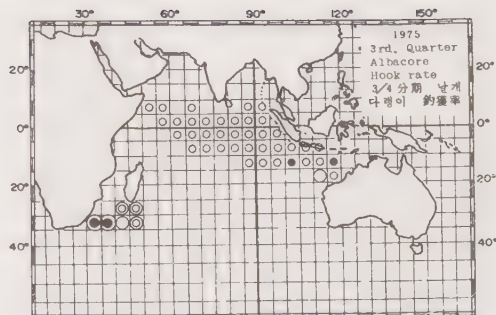
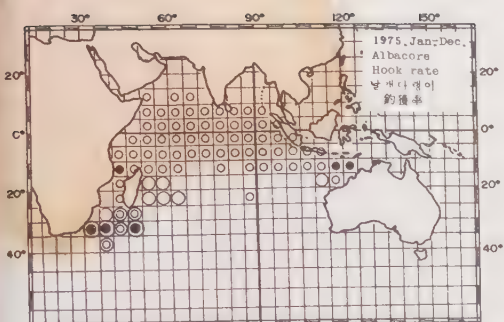
釣獲率 및 漁獲努力 分布図

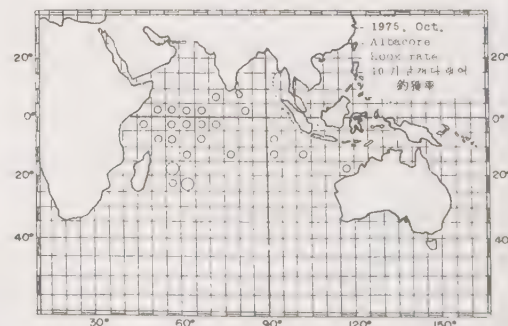
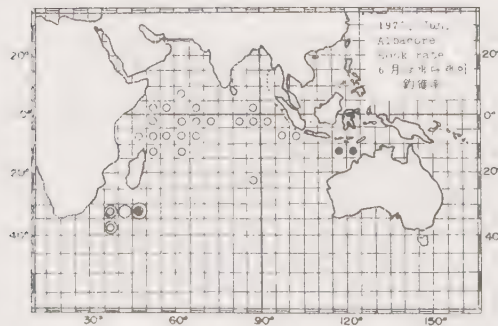
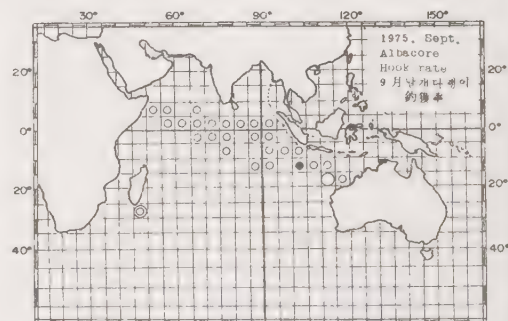
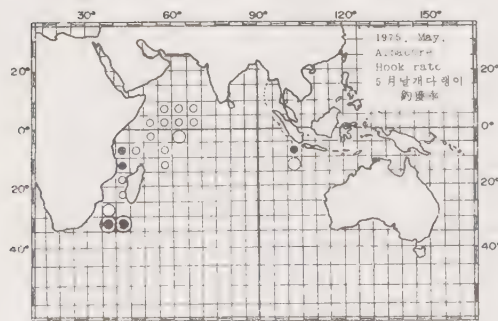
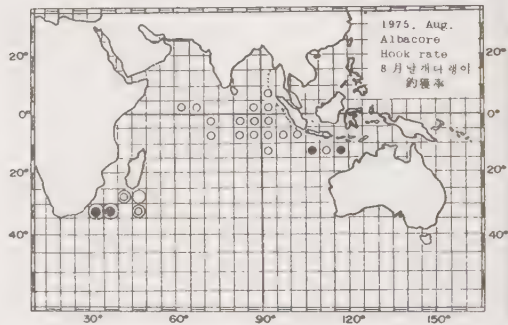
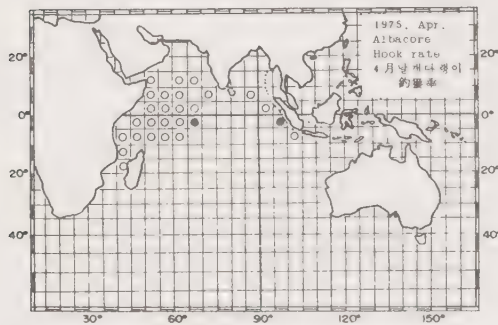
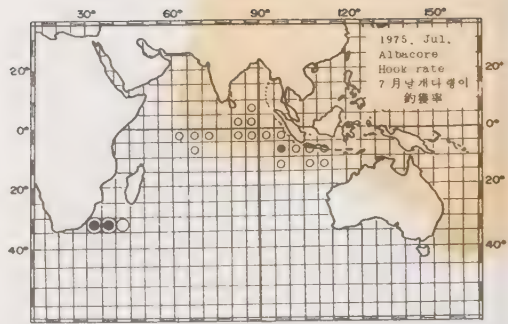
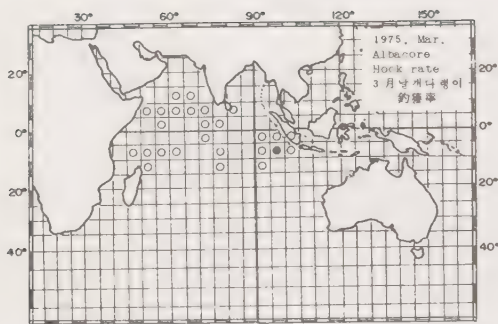
Albacore, Yellowfin, Bigeye

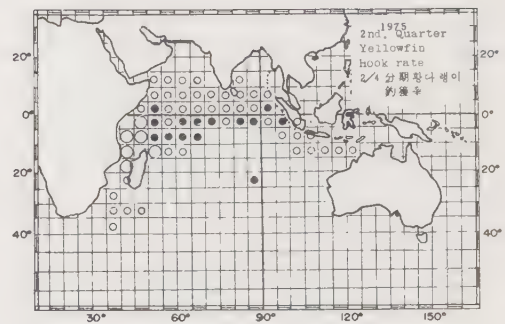
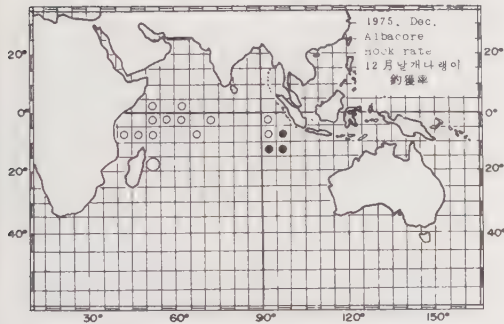
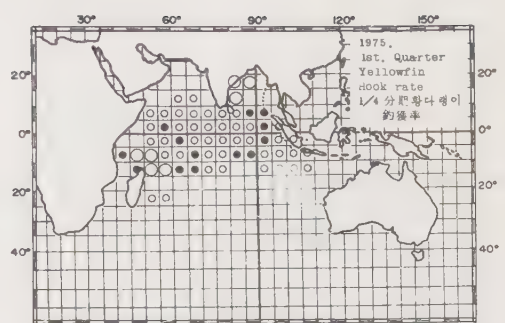
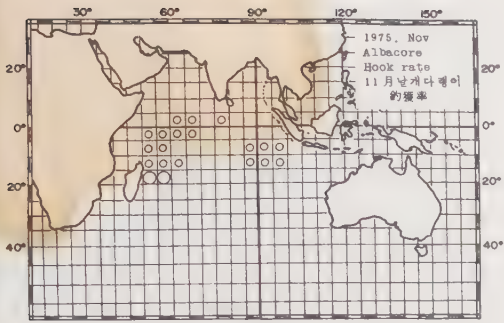
Hook rate and fishing effort.

for

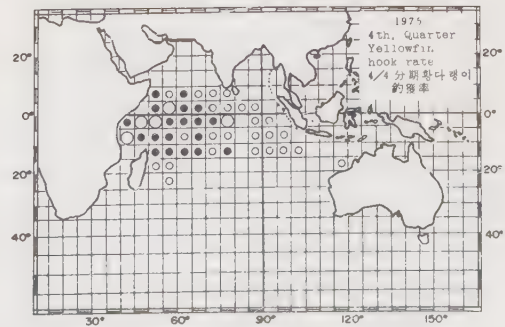
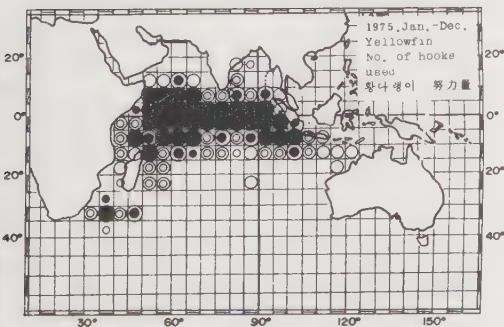
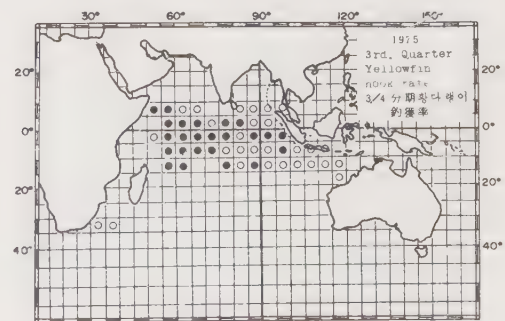
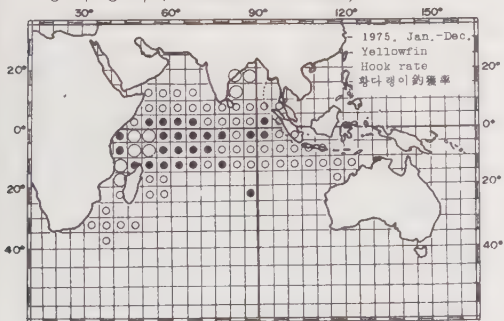
1975

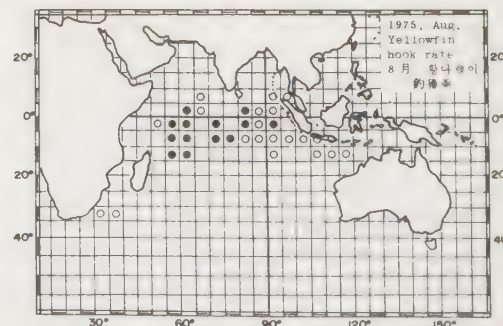
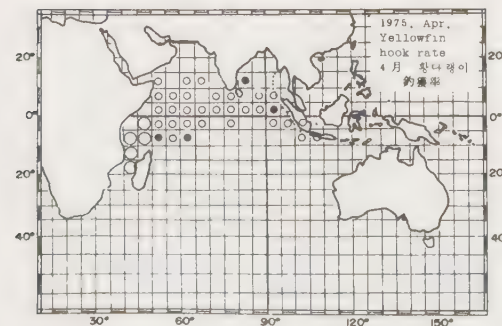
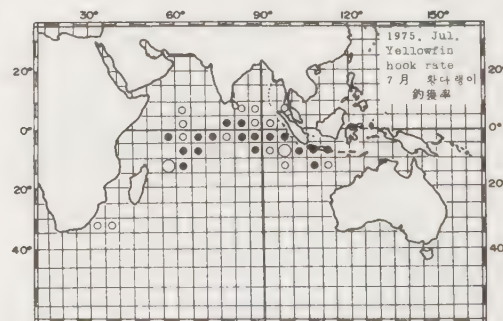
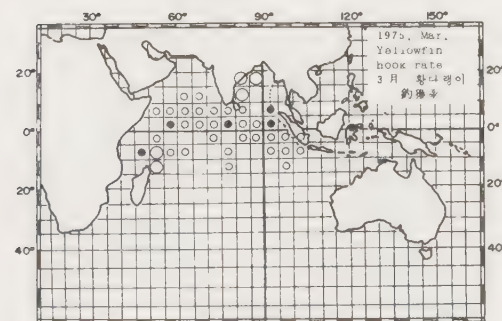
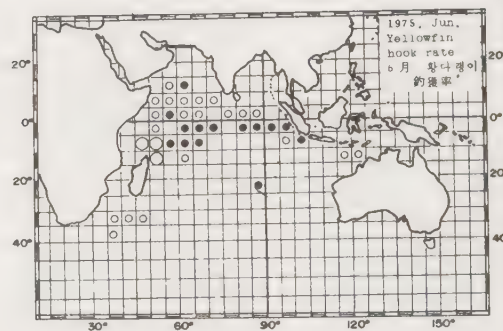
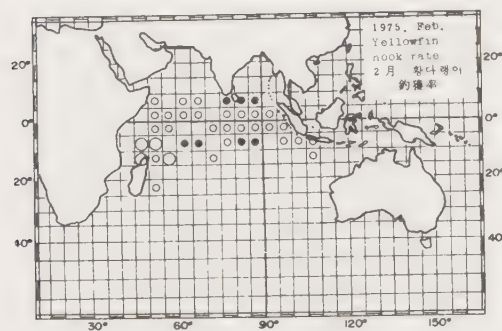
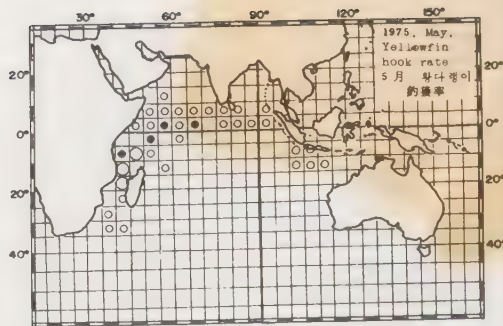
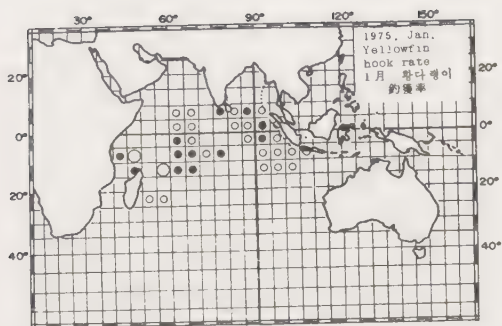




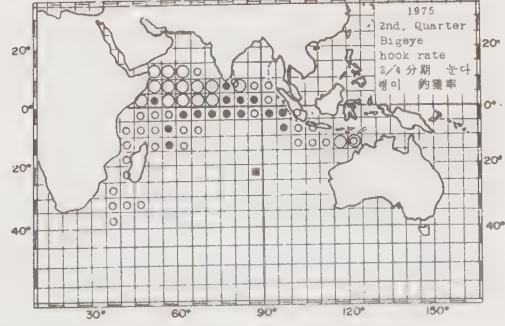
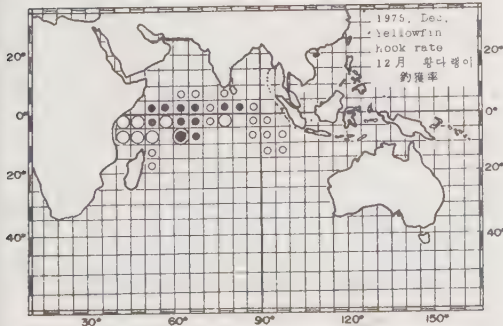
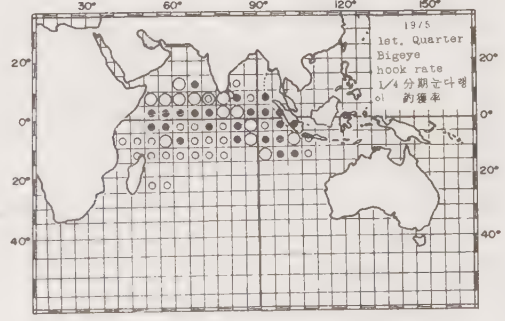
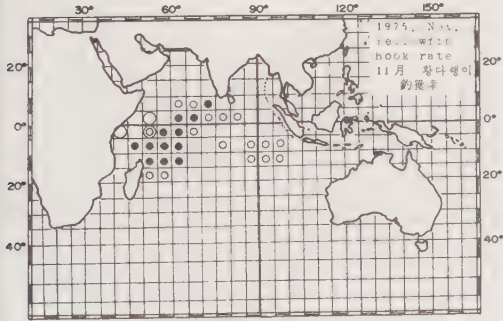
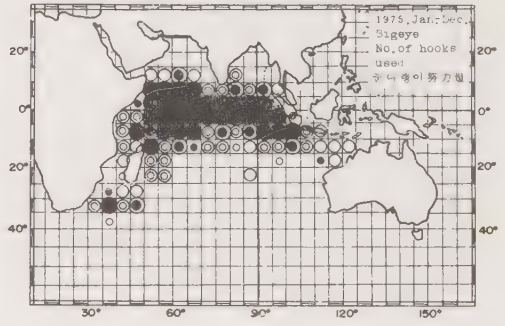
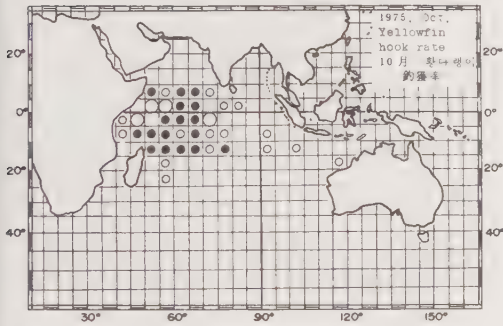
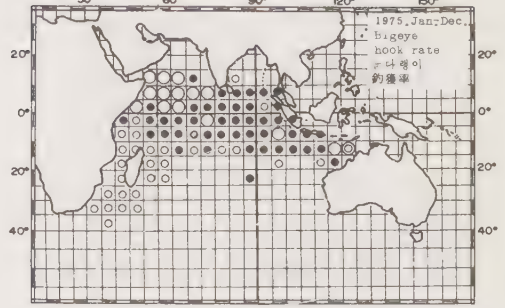
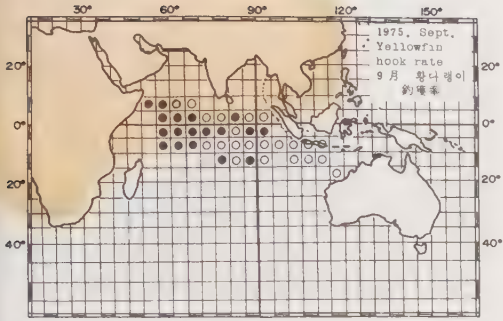


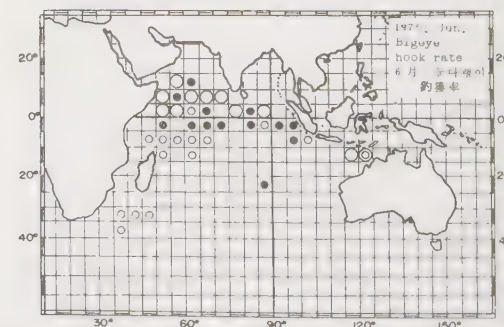
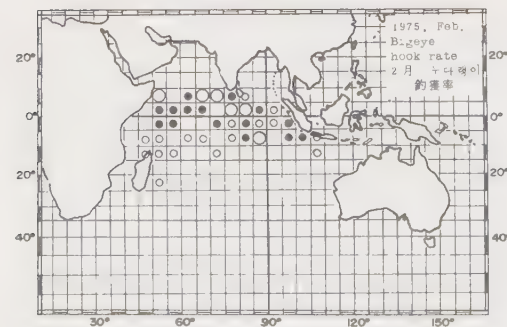
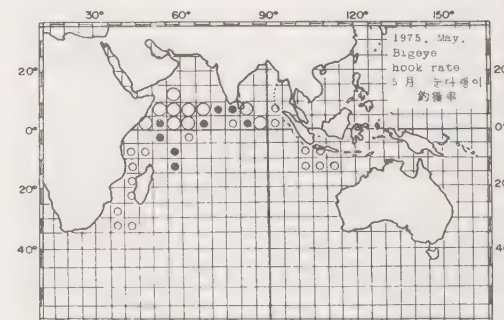
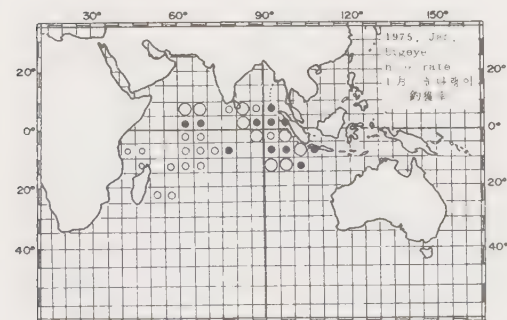
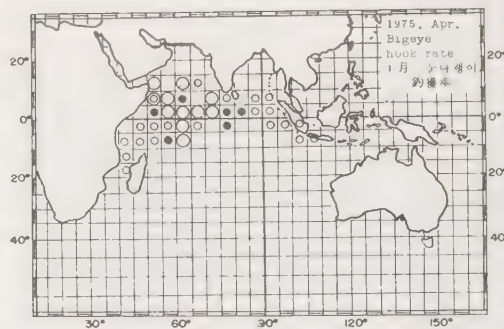
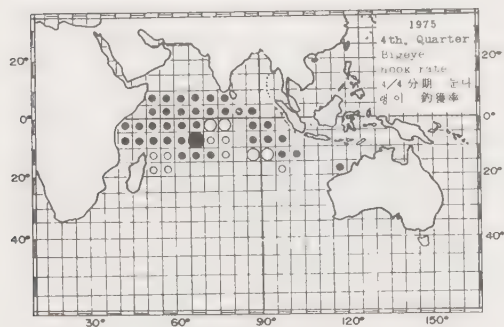
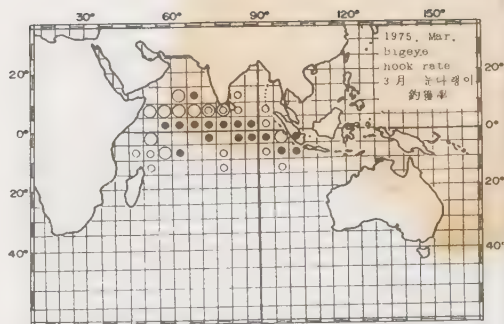
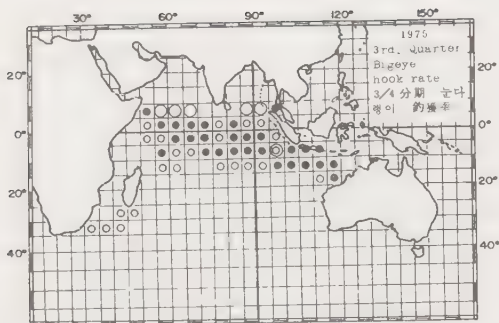
황다랭이 (Yellowfin tuna)

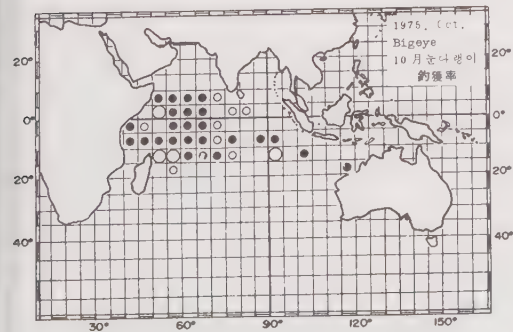
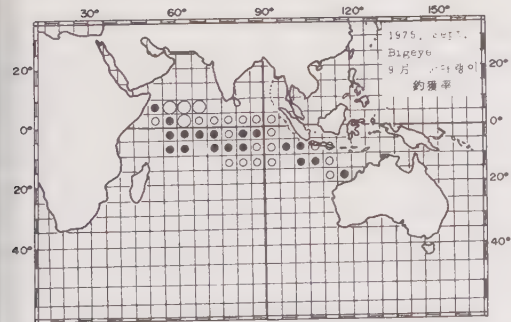
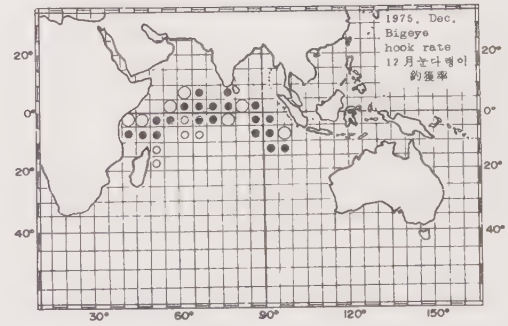
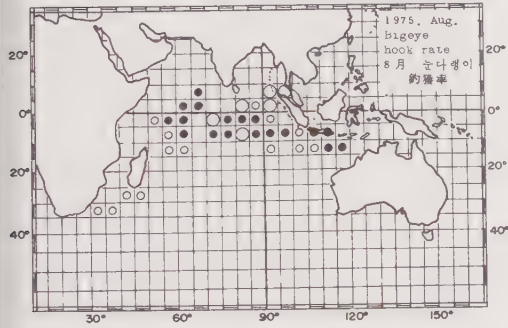
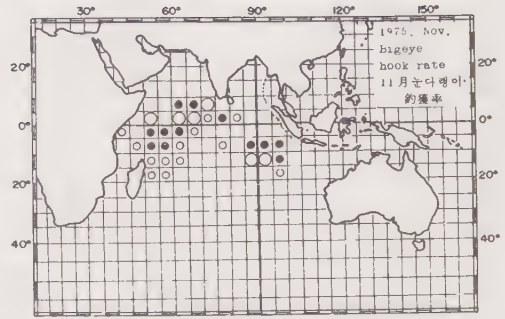
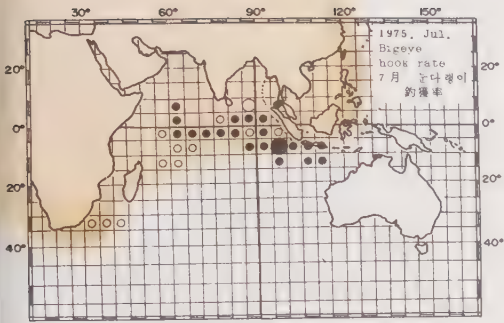




눈다랭이 (Bigeye tuna)









1976

全 魚 種

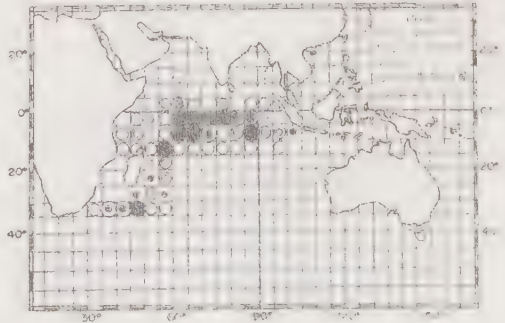
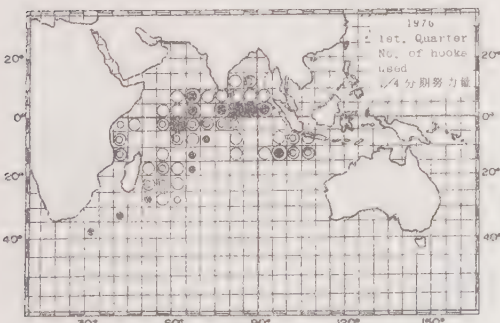
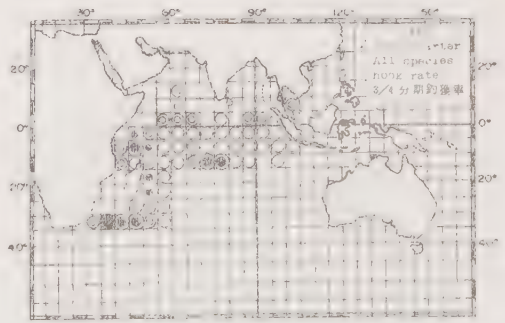
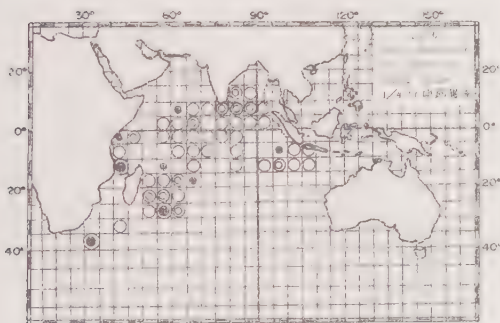
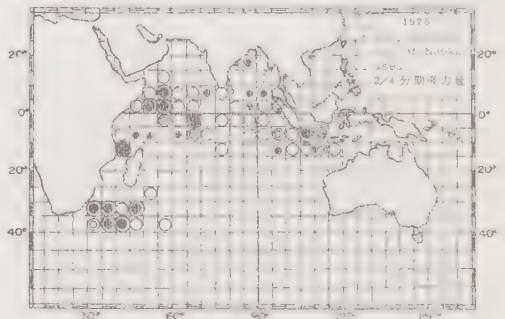
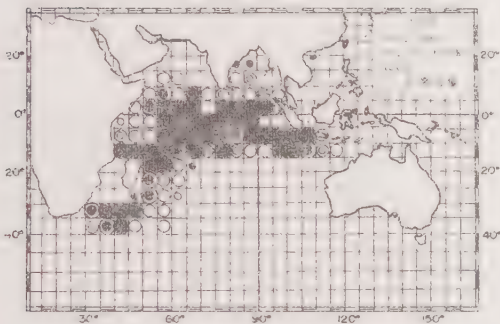
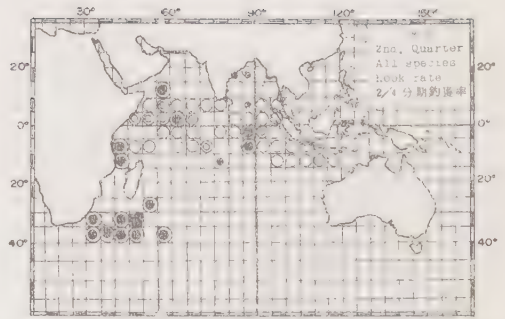
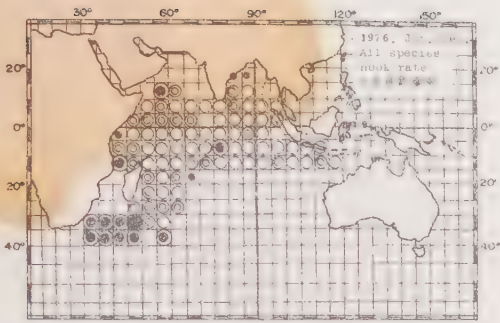
年別・分期別・月別・釣獲率 及 漁獲努力分布図

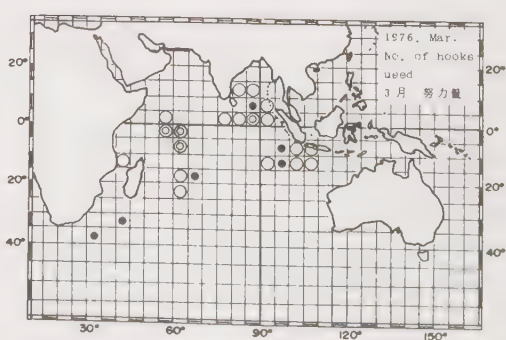
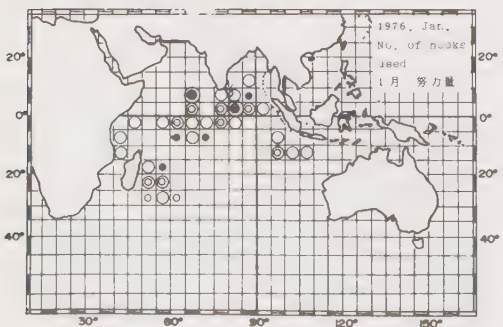
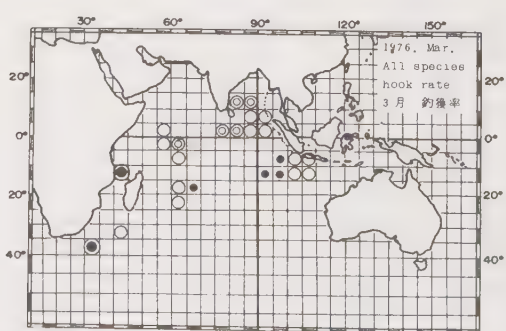
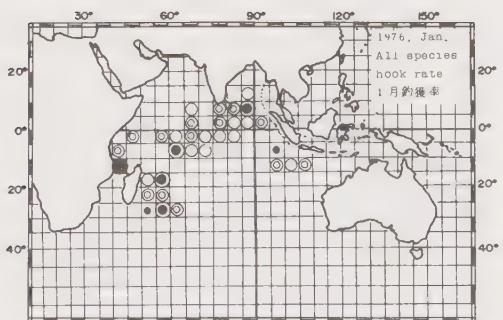
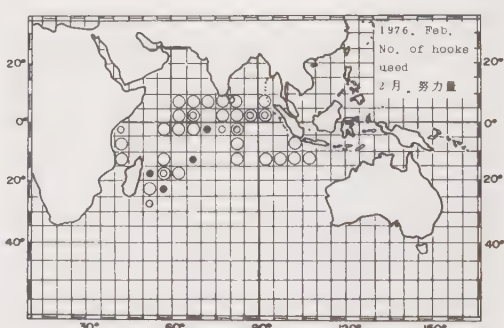
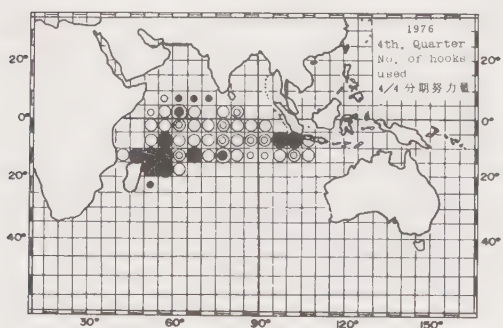
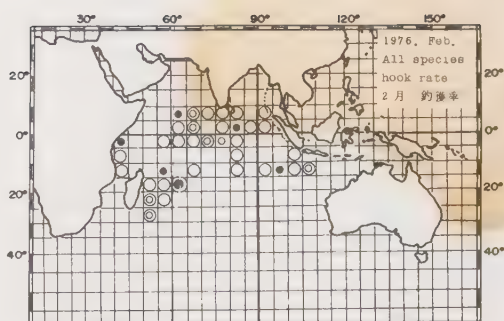
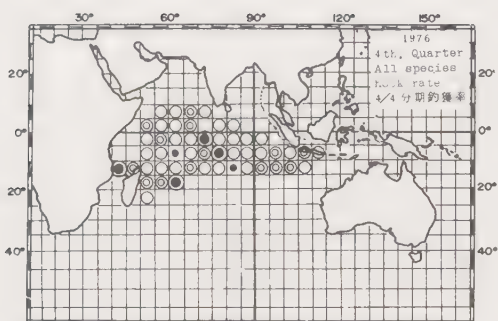
All Species

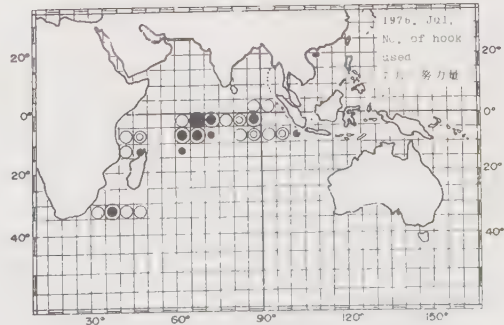
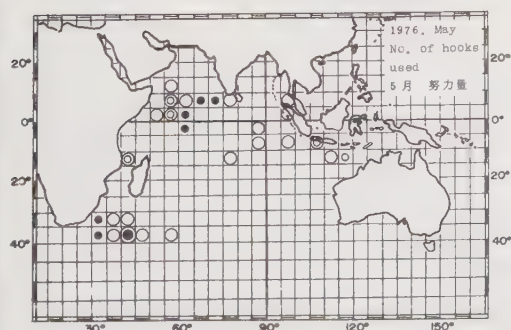
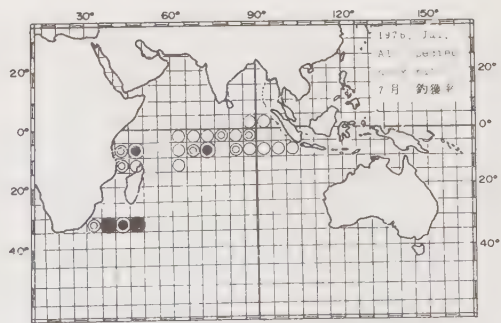
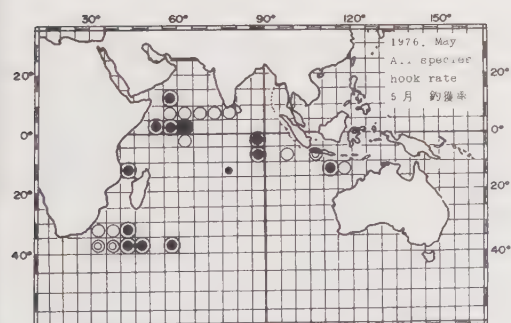
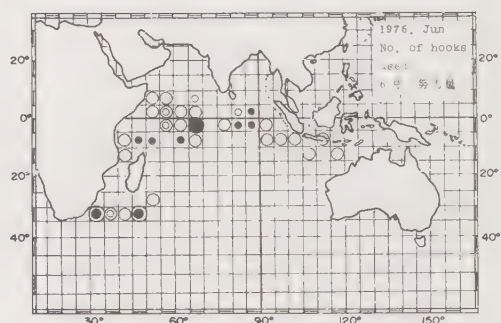
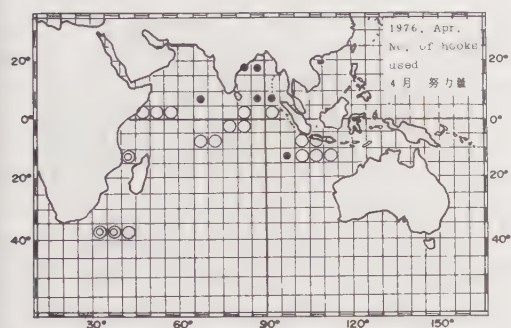
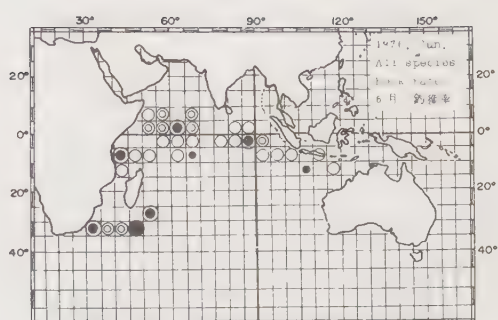
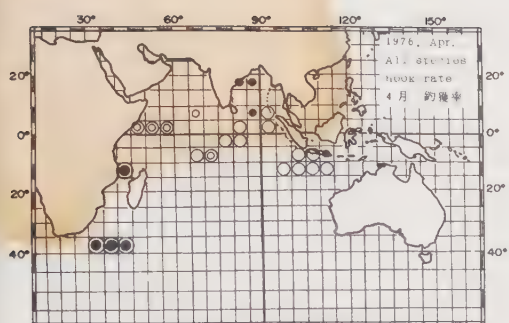
Hook rate and fishing effort by Month,
by quarter and by year

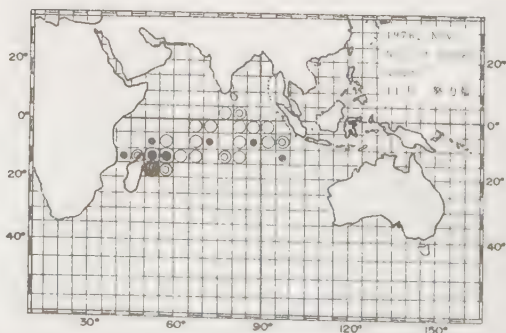
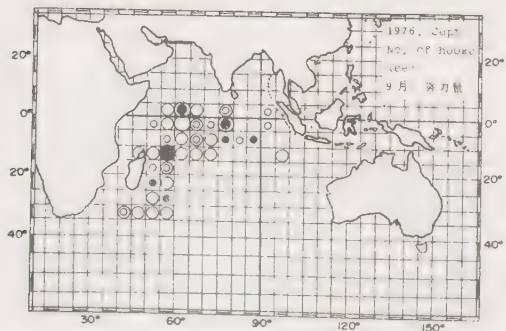
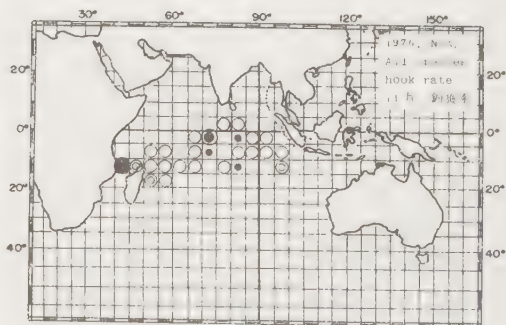
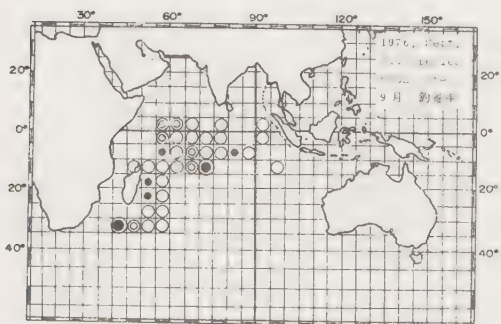
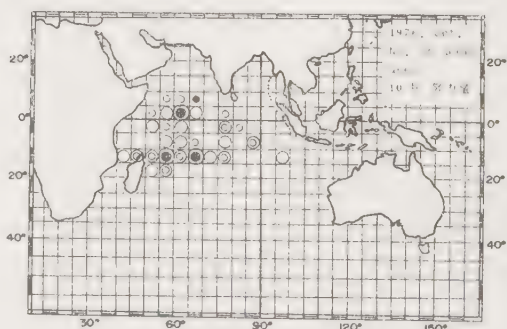
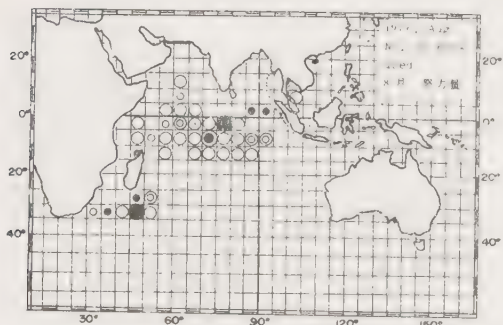
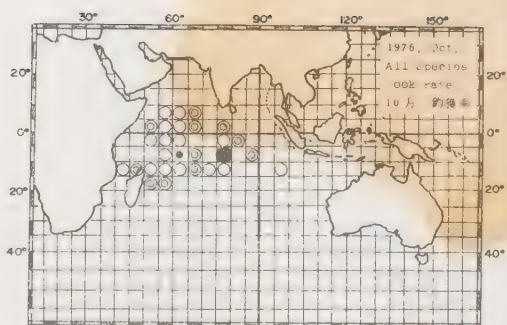
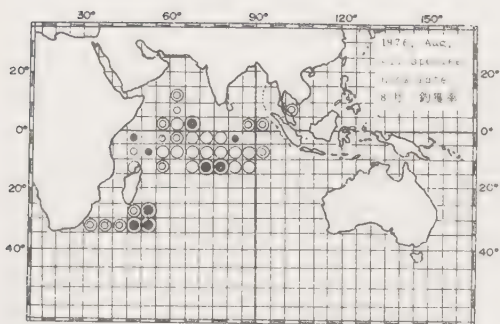
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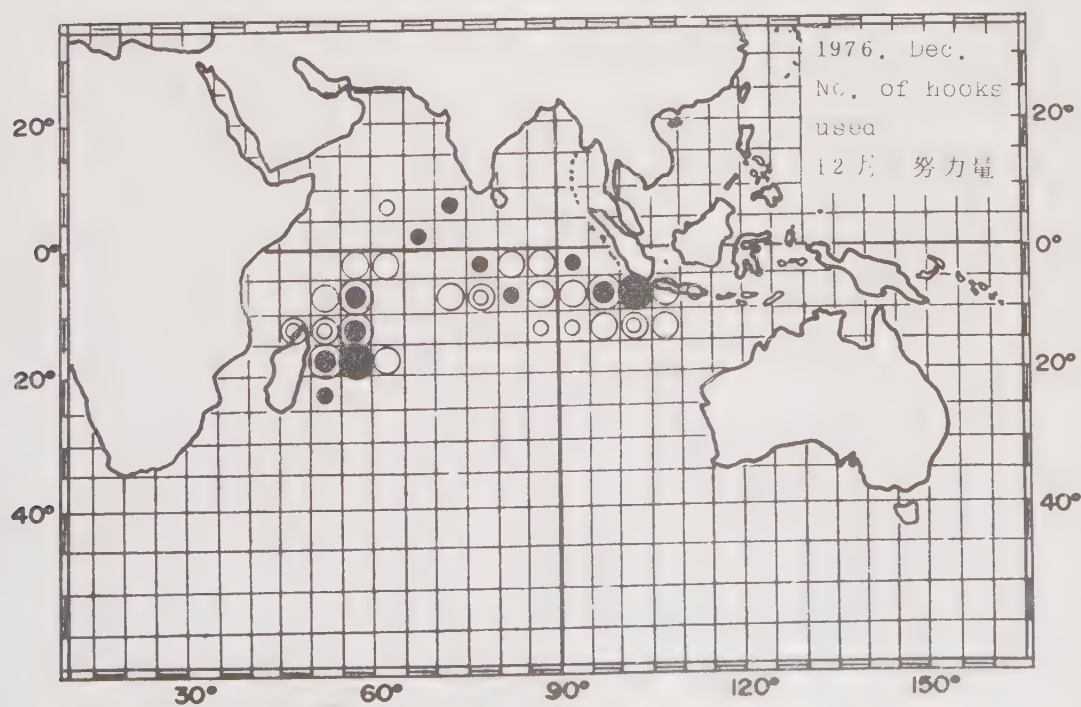
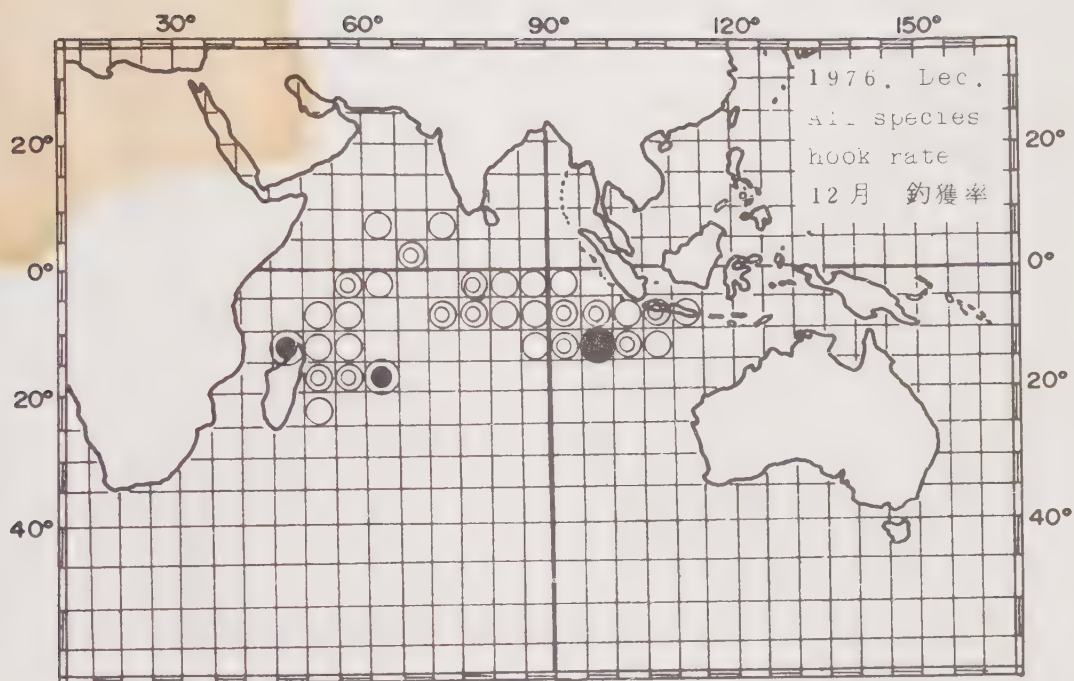
1976













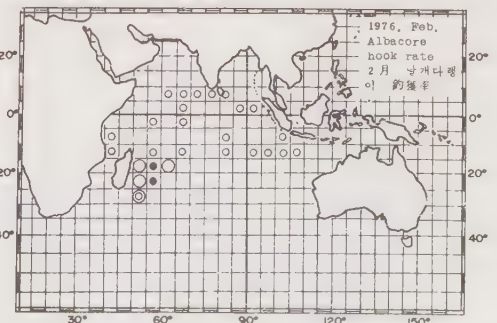
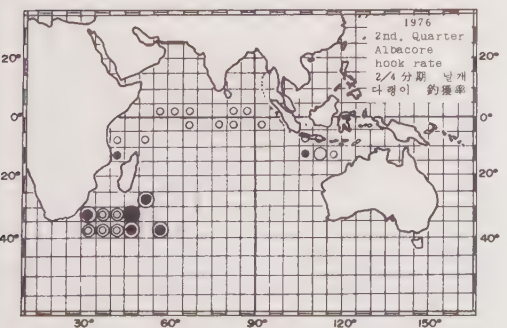
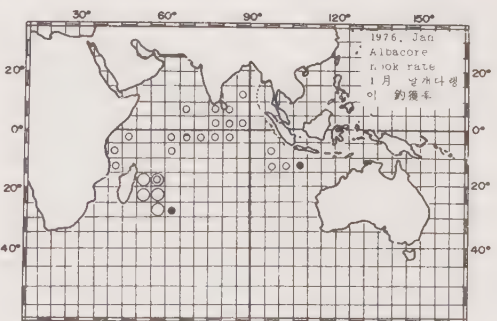
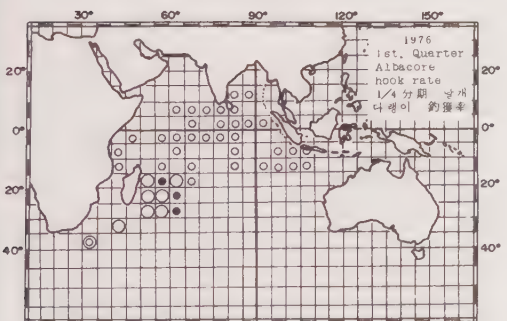
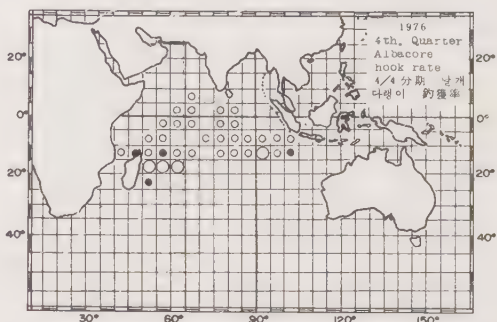
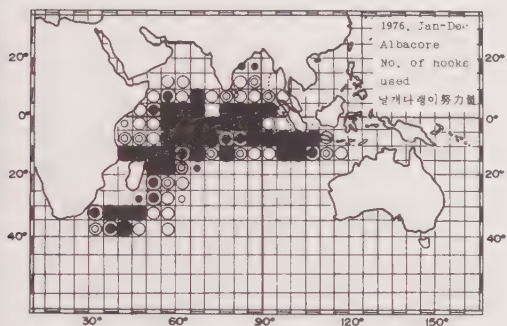
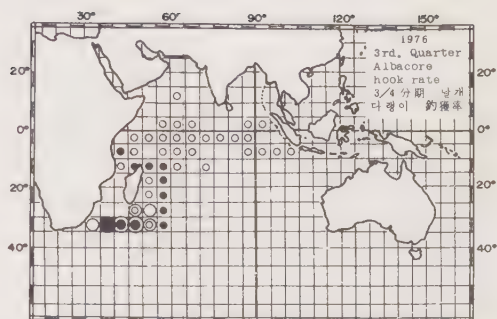
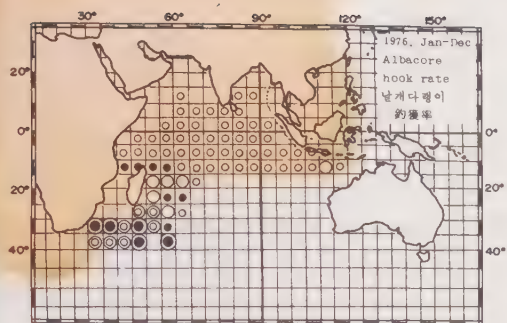
1976

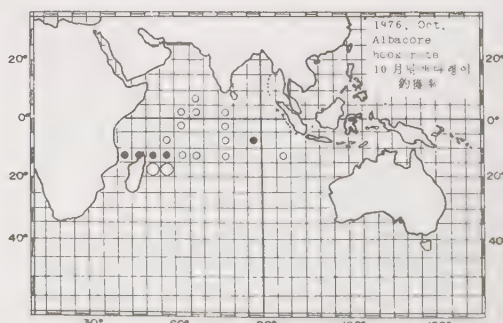
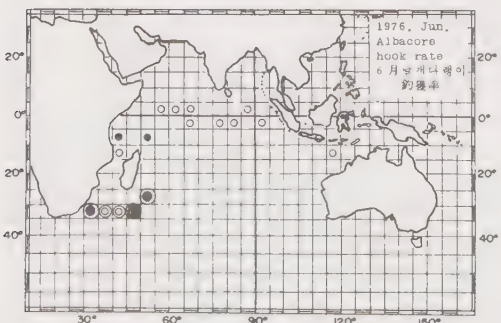
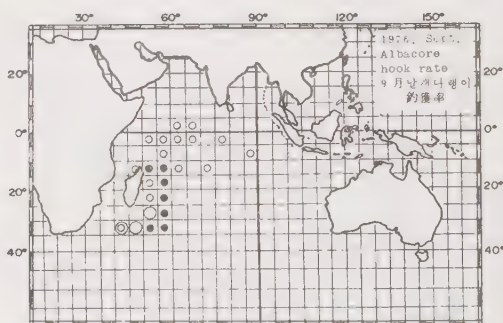
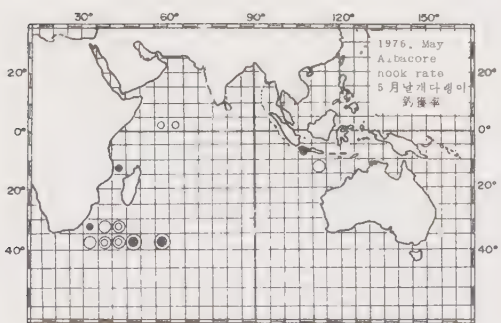
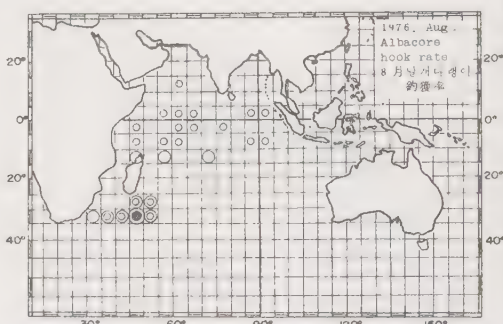
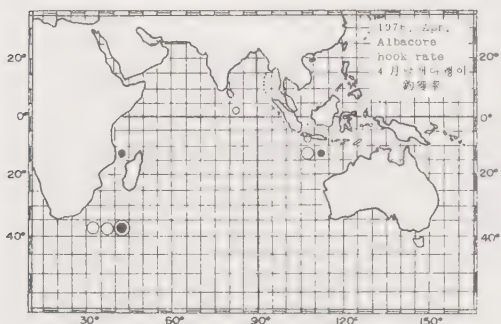
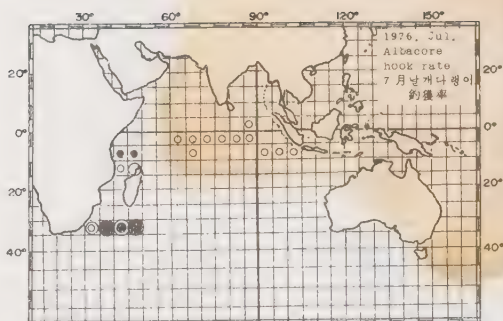
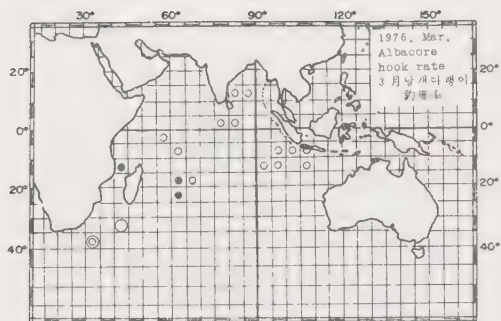
날개다랭이, 황다랭이, 눈다랭이
釣獲率 및 漁獲努力 分布圖

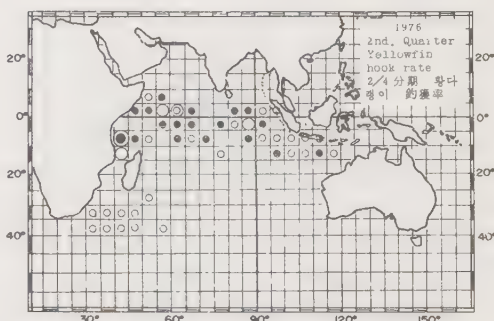
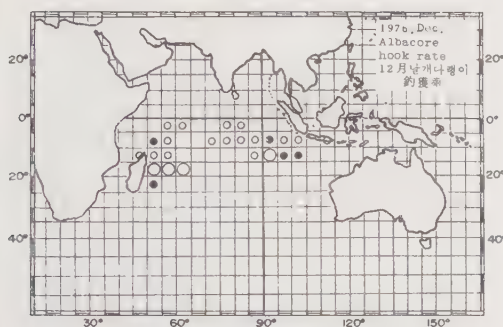
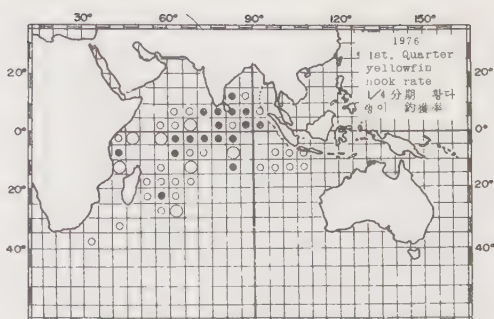
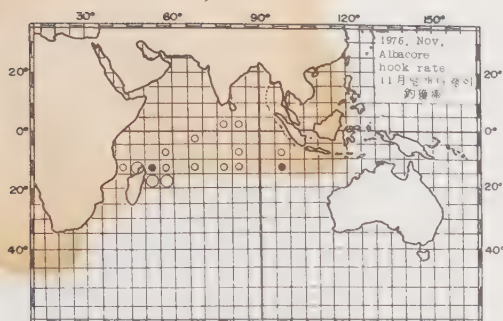
Albacore, Yellowfin, Bigeye
Hook rate and fishing effort
for

1976

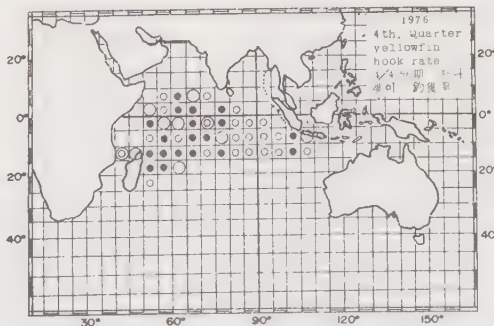
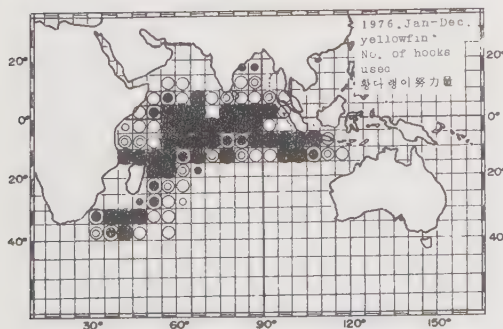
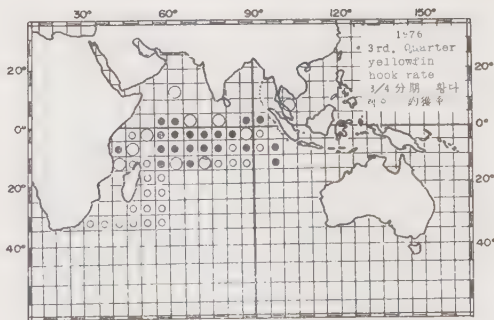
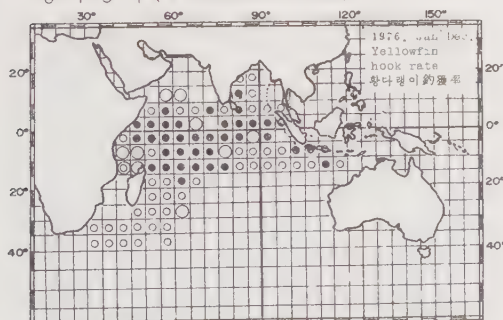


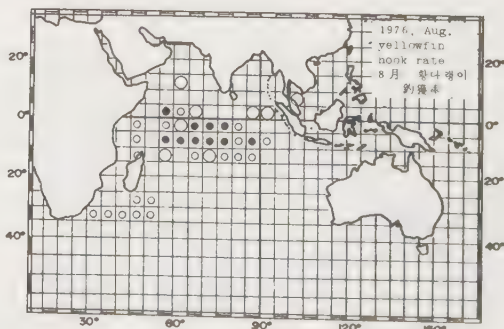
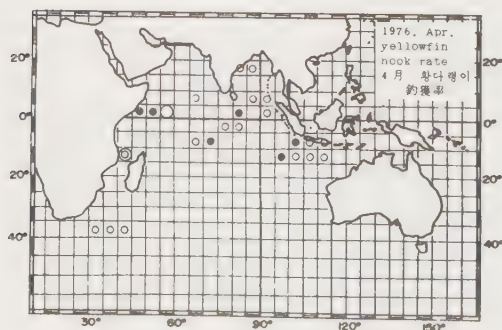
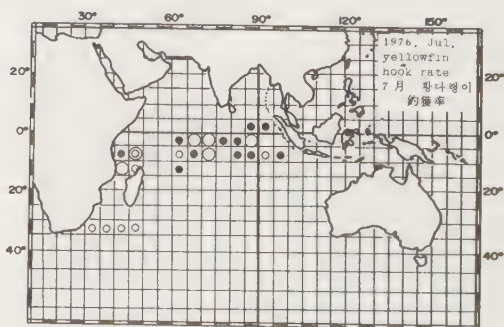
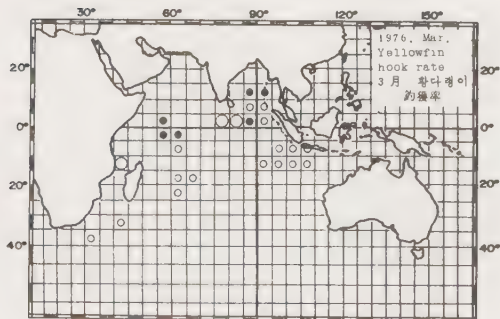
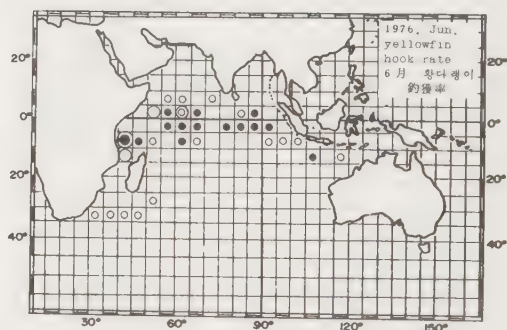
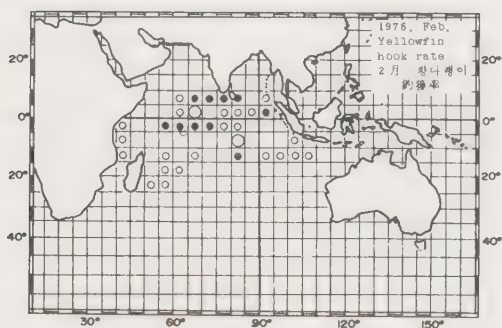
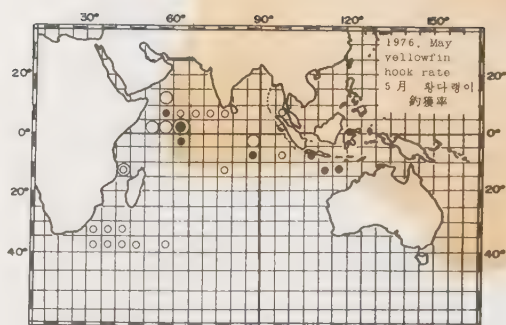
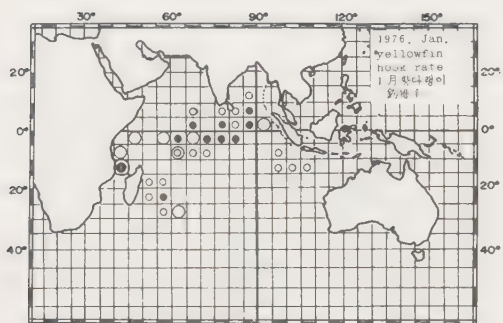




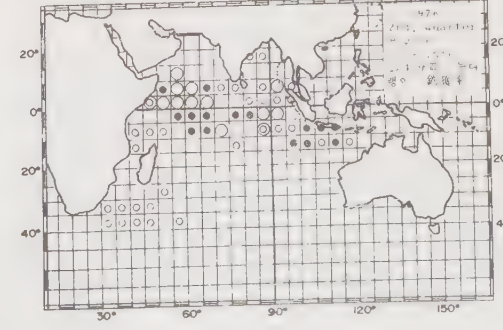
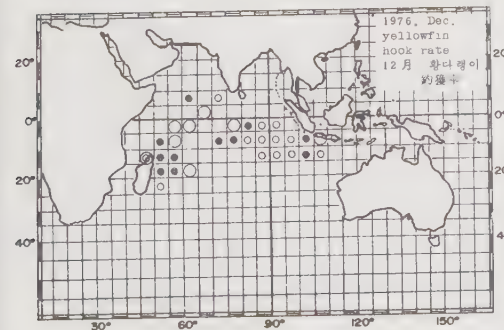
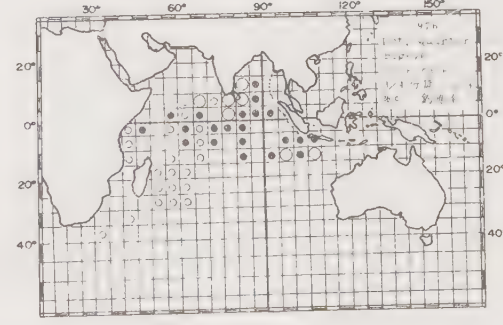
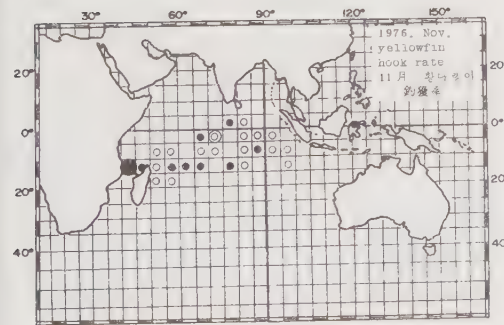
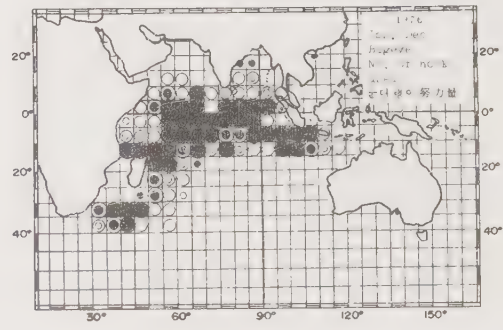
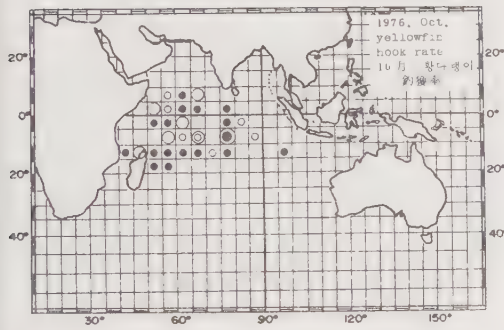
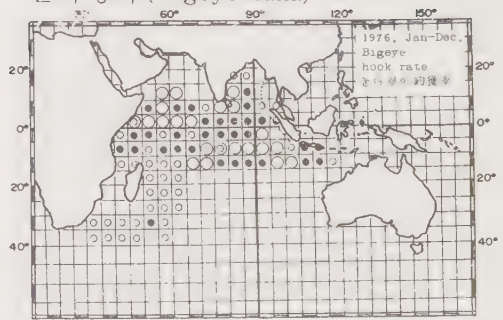
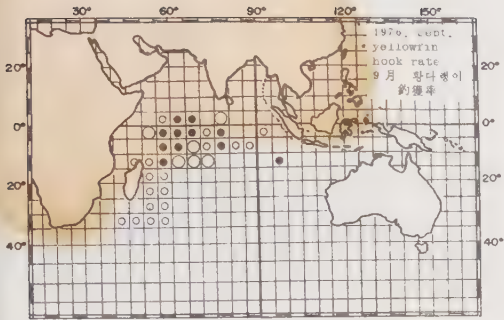


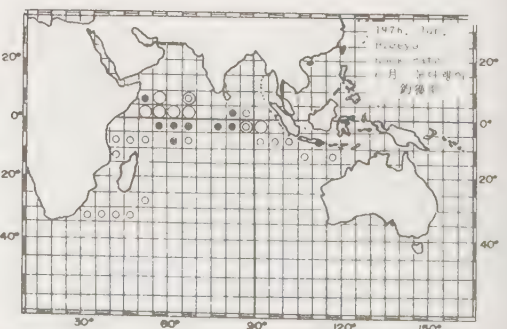
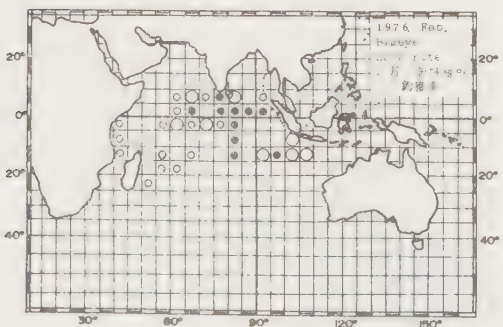
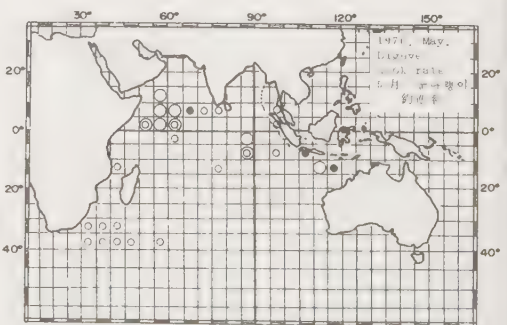
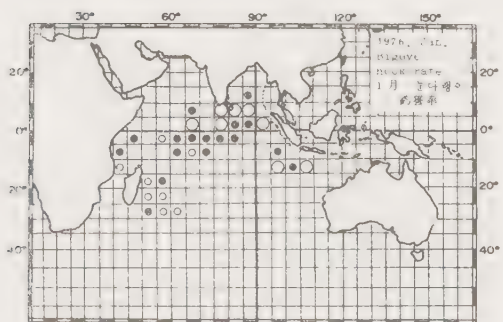
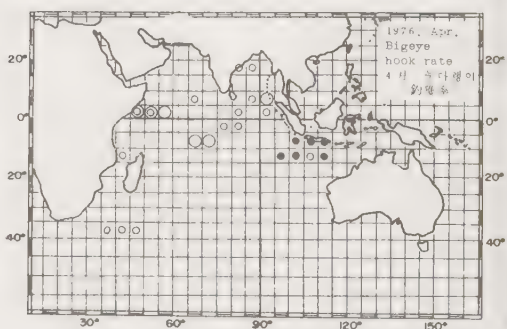
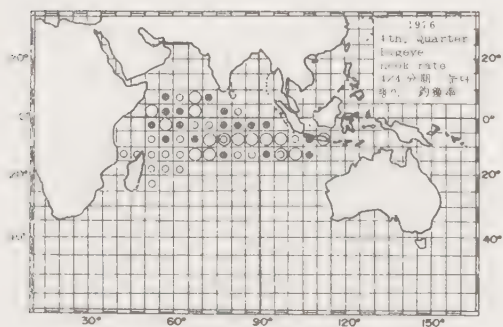
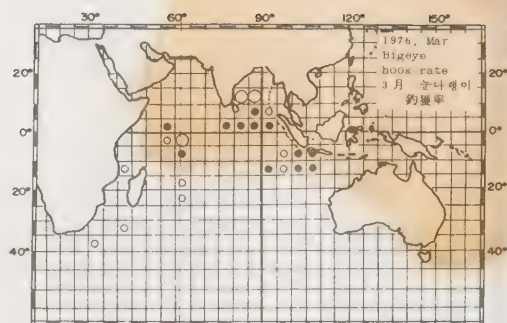
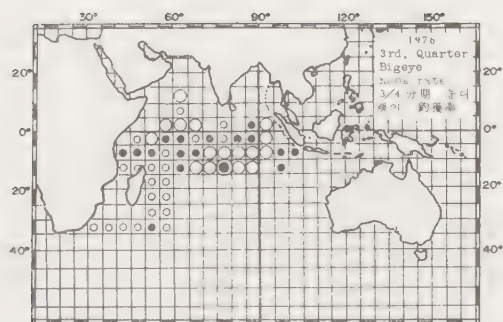
황다랭이 (Yellowfin tuna)

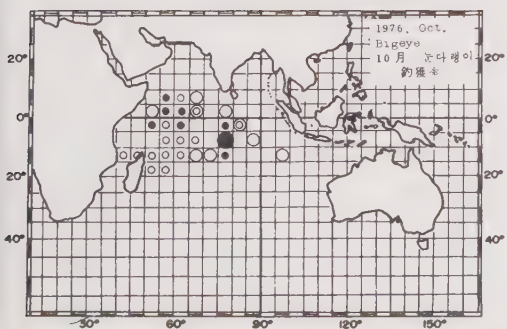
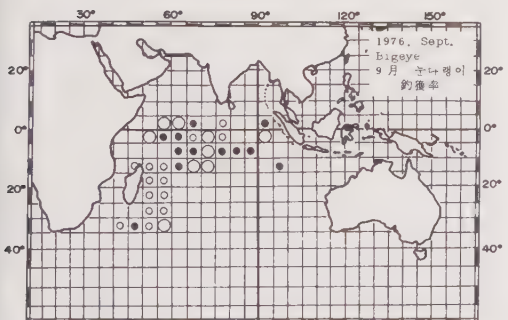
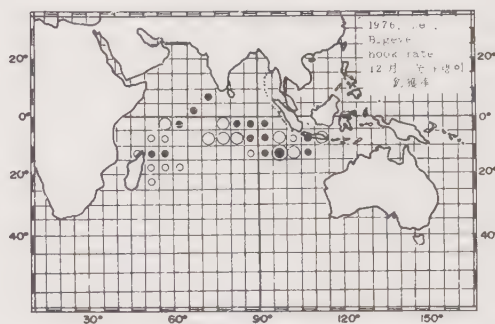
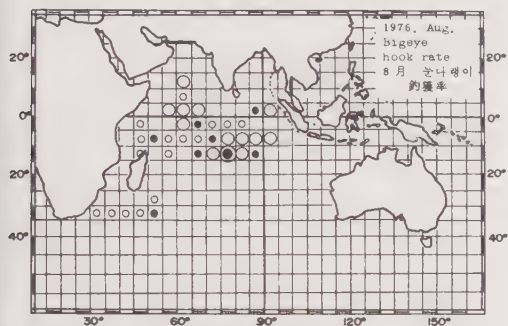
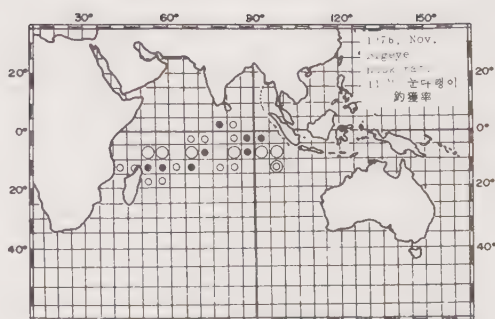
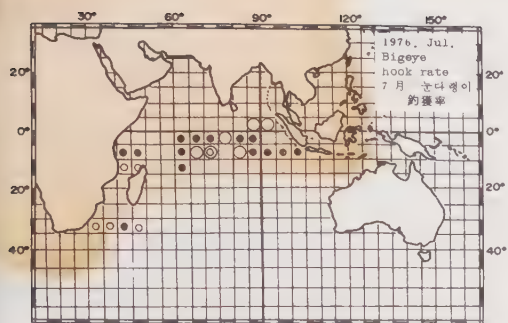




큰다랑어 (Bigeye tuna)









1977

全 魚 種

年別・分期別・月別・釣獲率 및 漁獲努力分布図

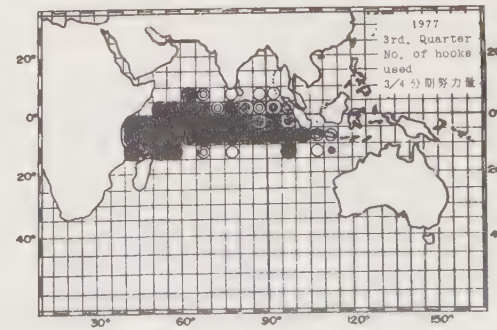
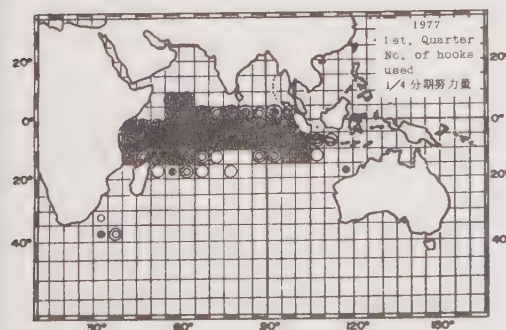
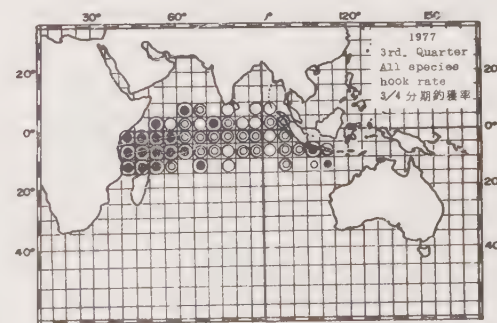
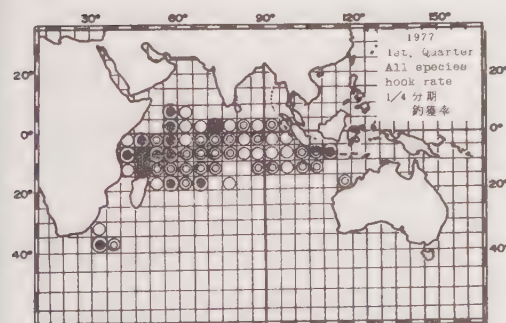
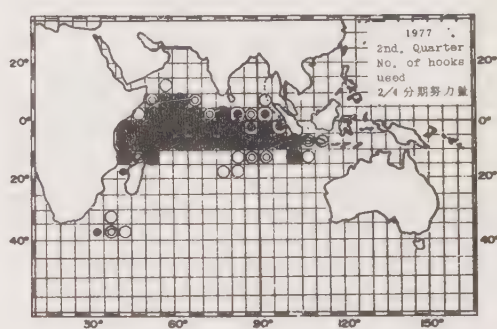
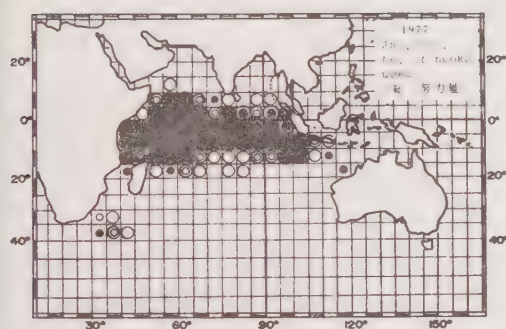
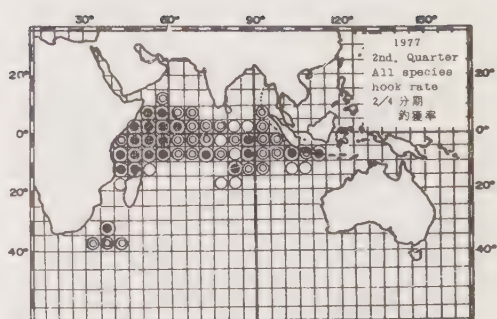
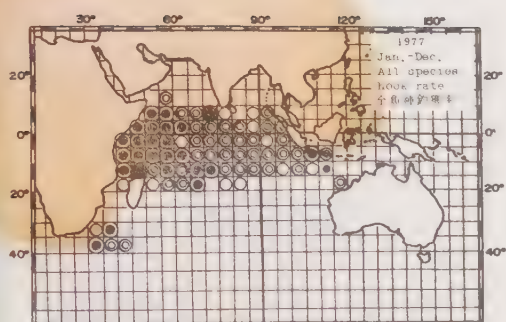
All Species

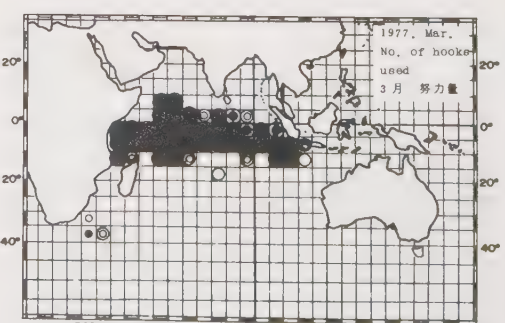
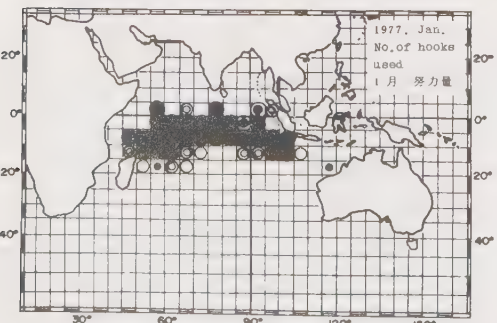
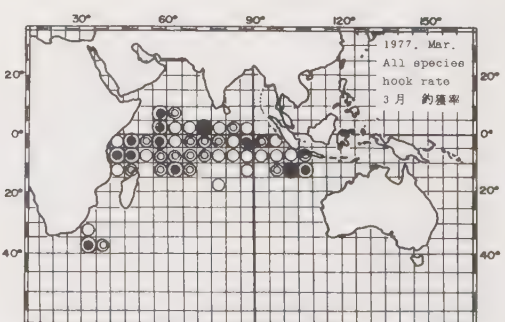
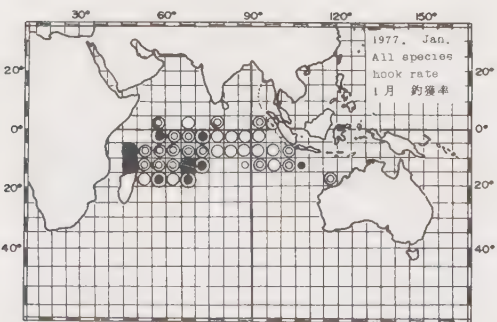
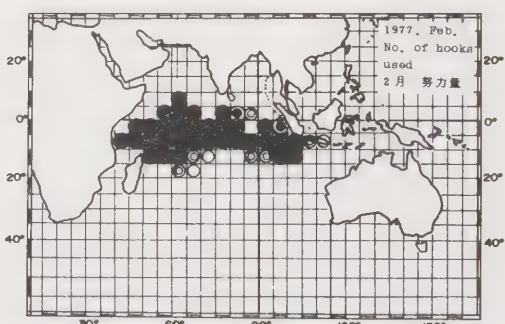
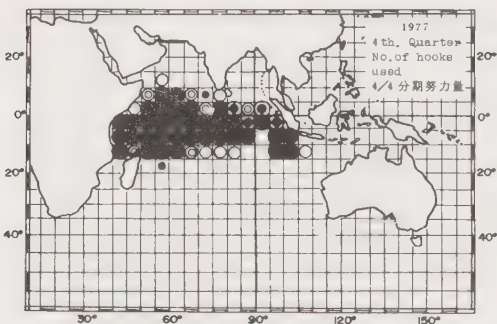
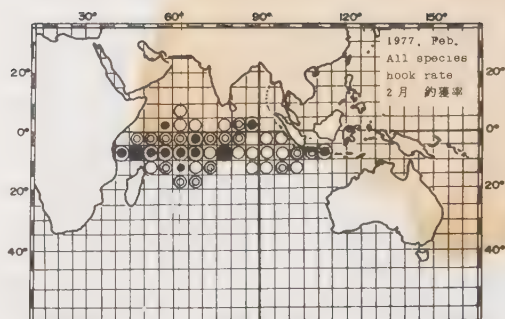
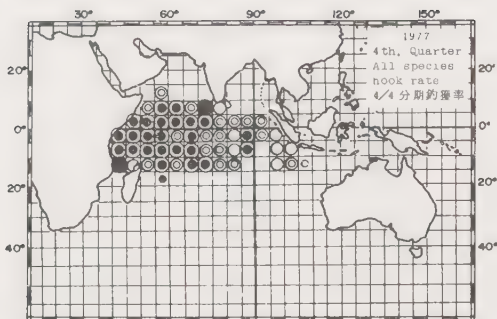
Hook rate and fishing effort by Month,
by quarter and by year

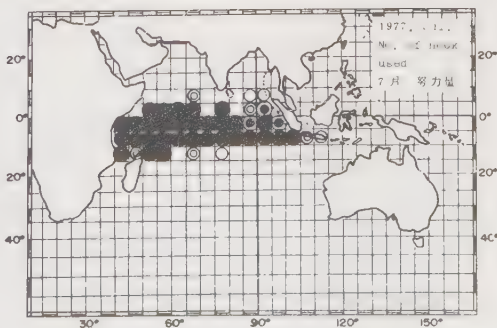
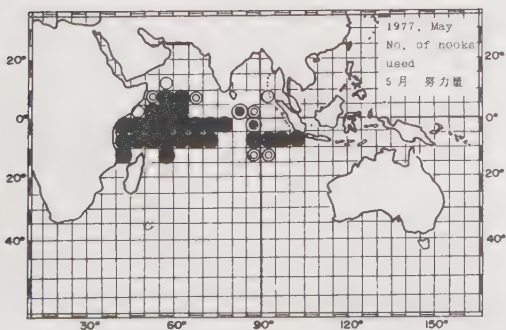
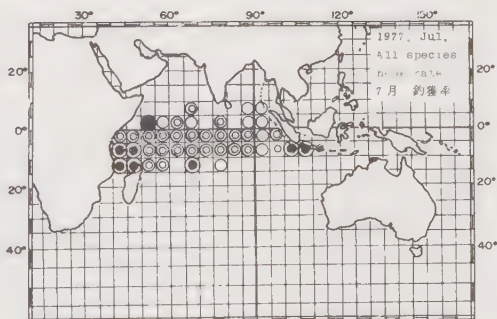
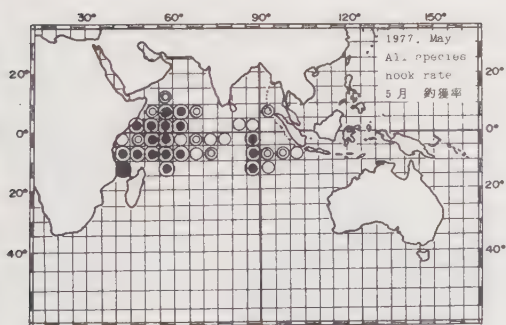
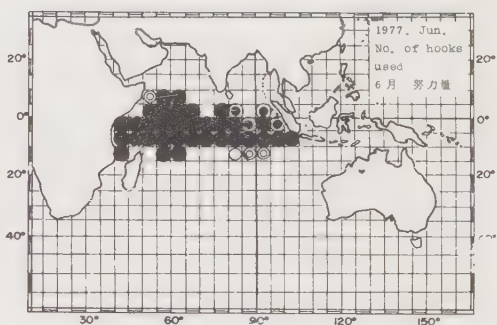
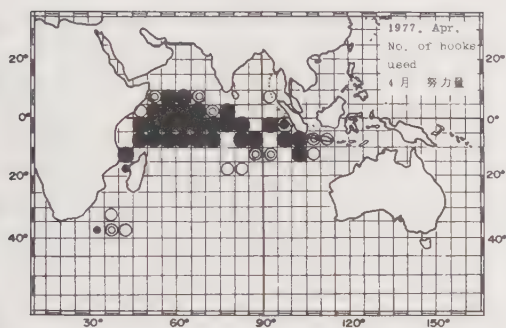
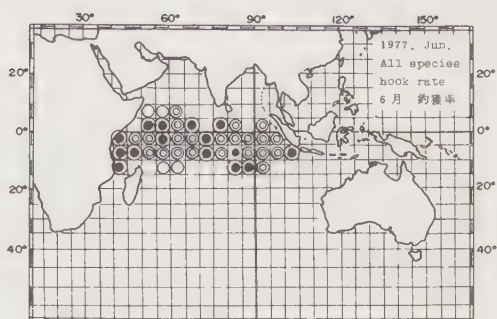
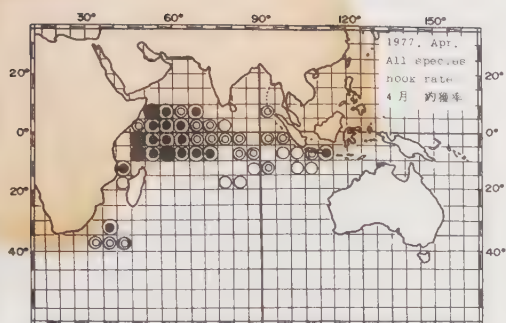
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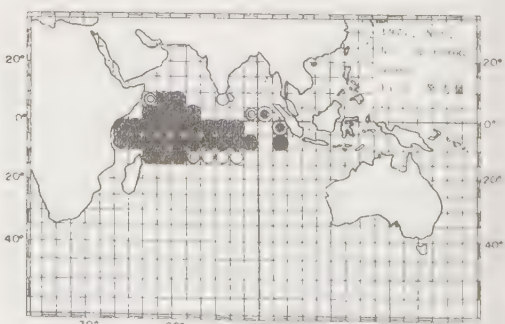
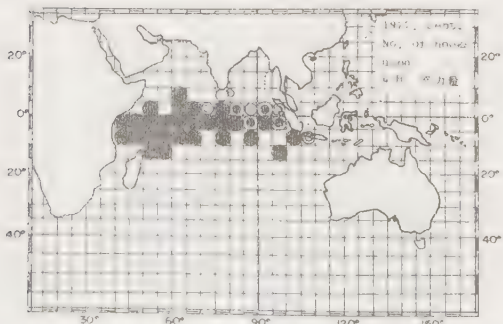
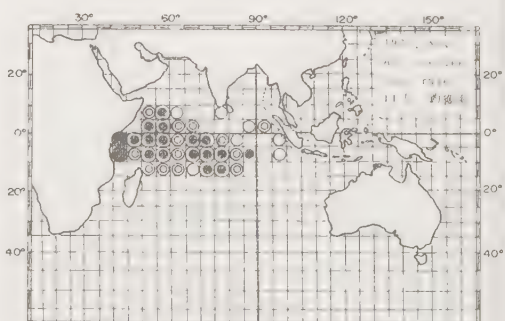
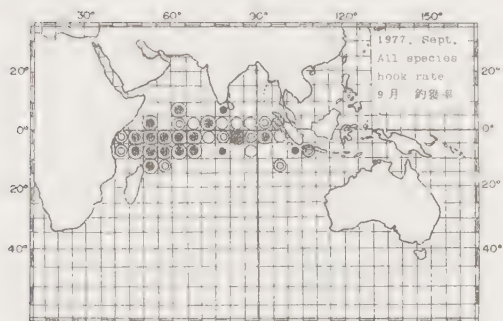
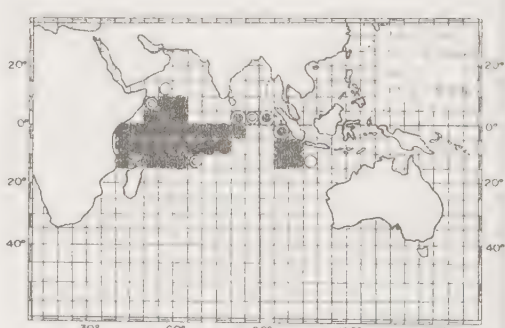
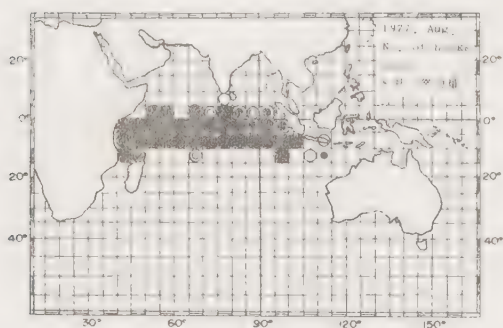
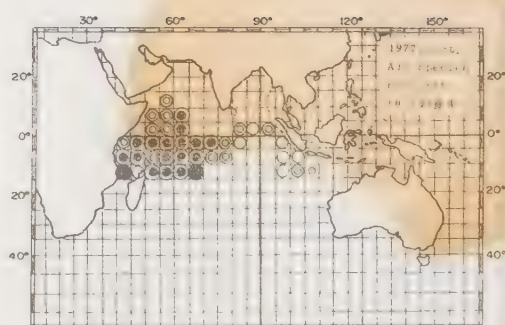
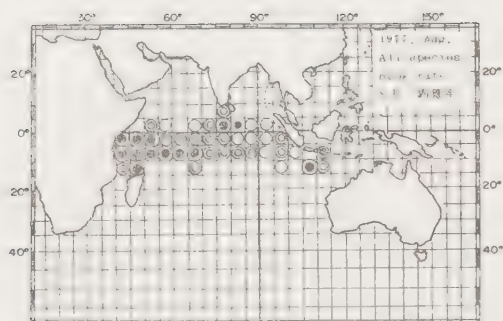
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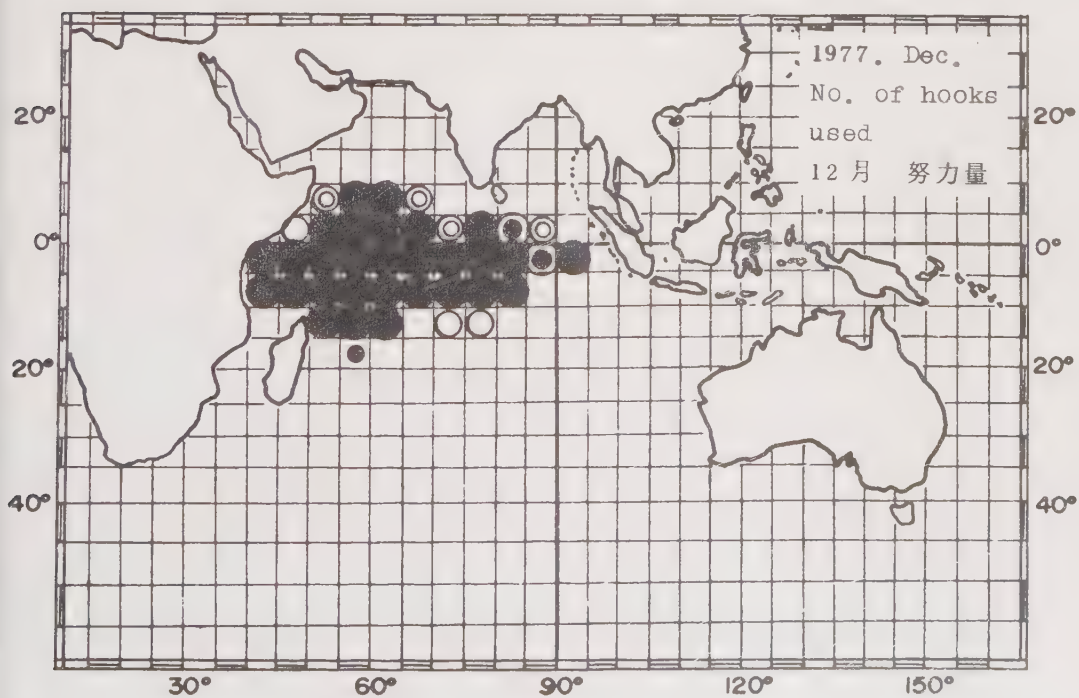
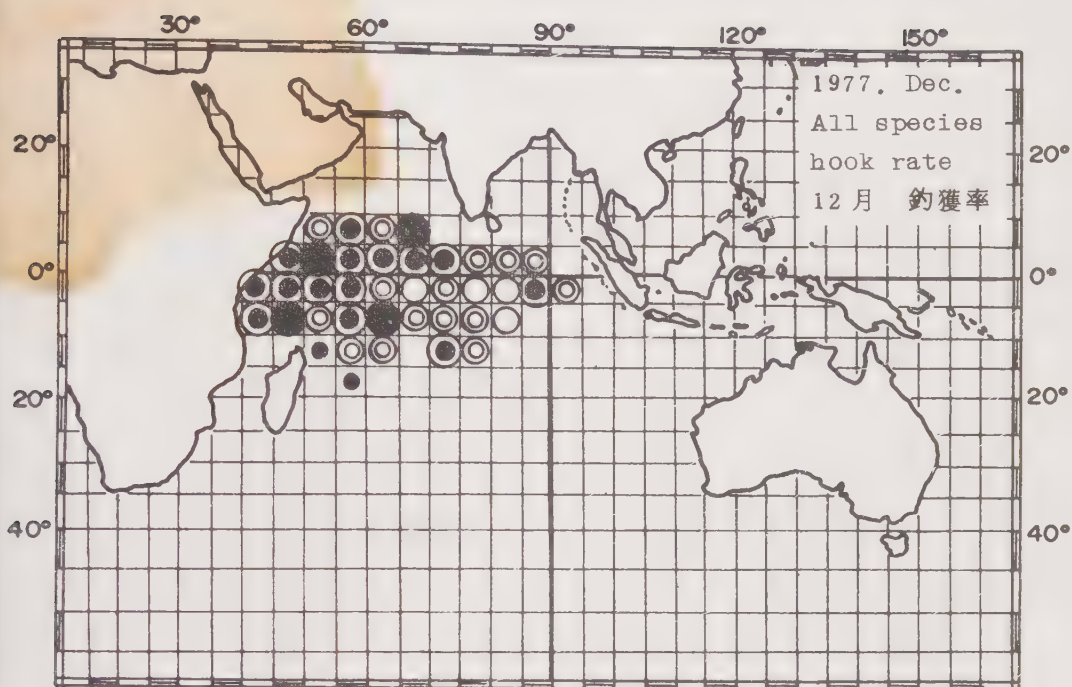














1977

날개다랭이, 황다랭이, 눈다랭이

釣獲率 및 漁獲努力 分布圖

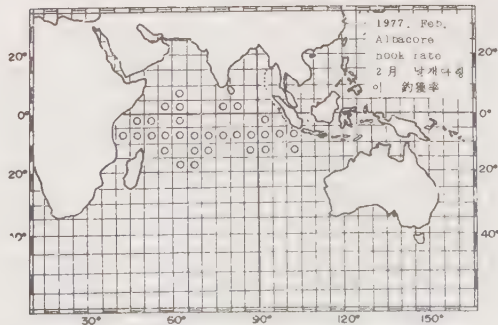
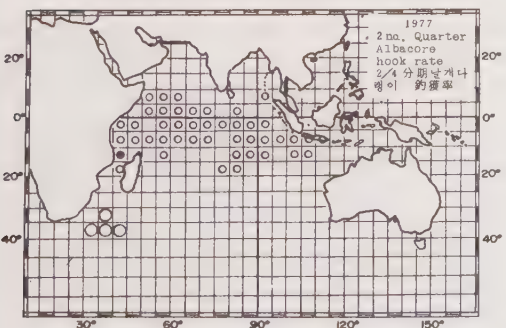
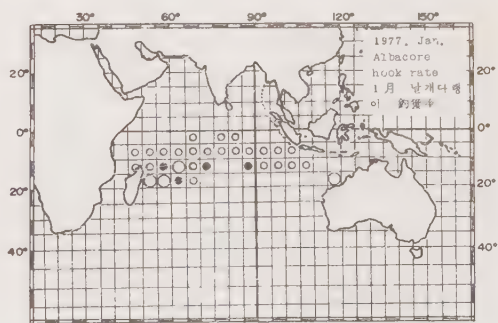
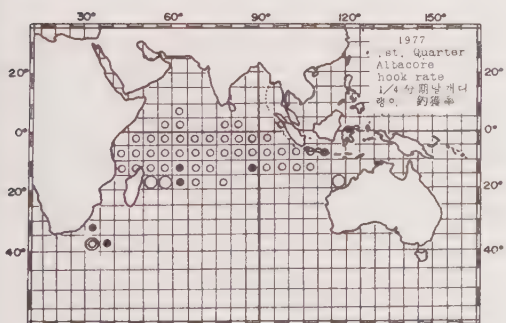
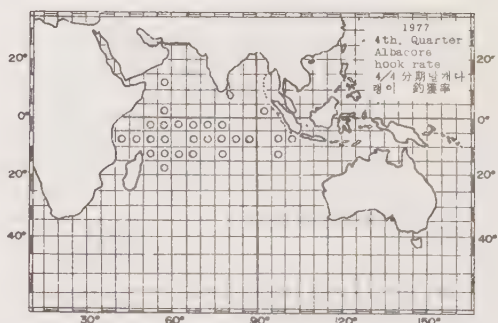
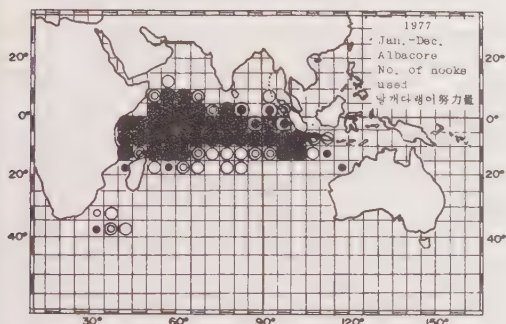
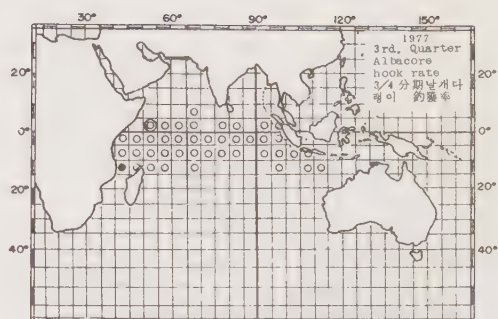
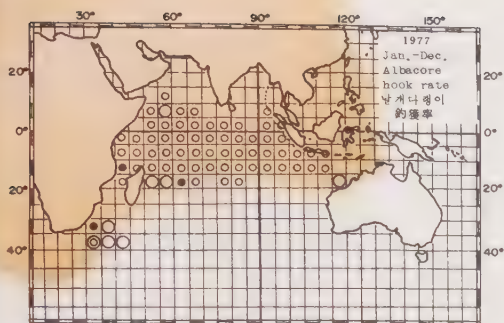
Albacore, Yellowfin, Bigeye

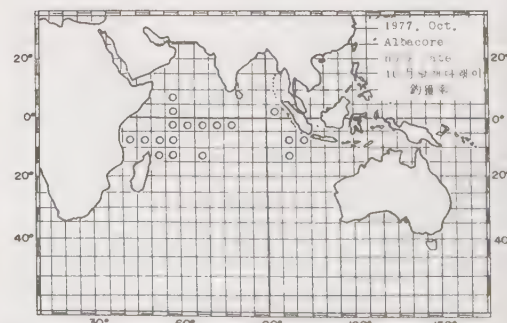
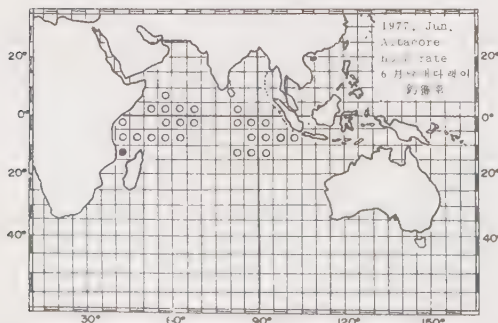
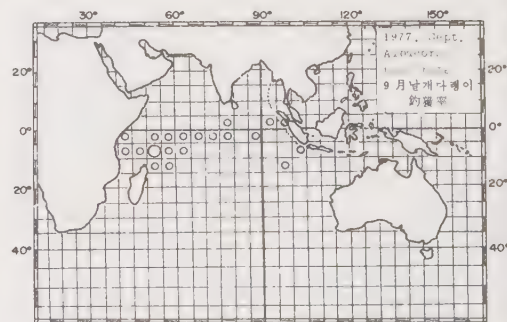
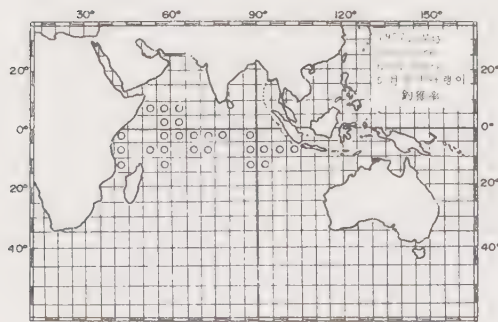
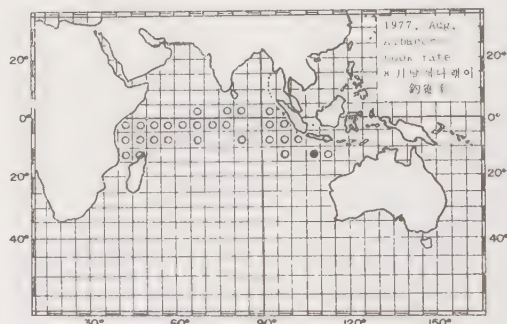
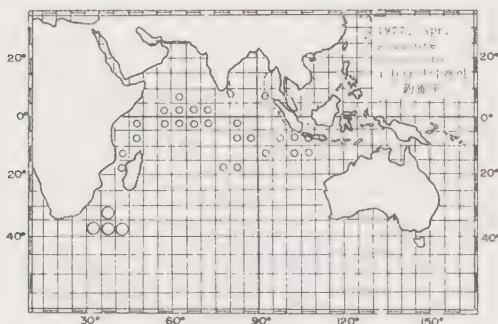
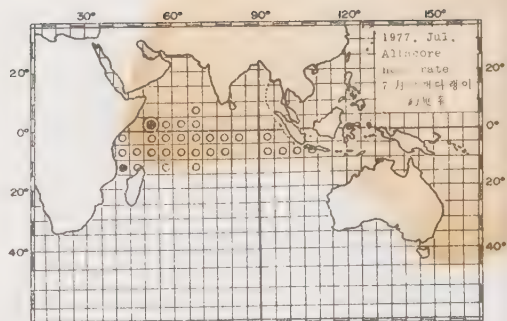
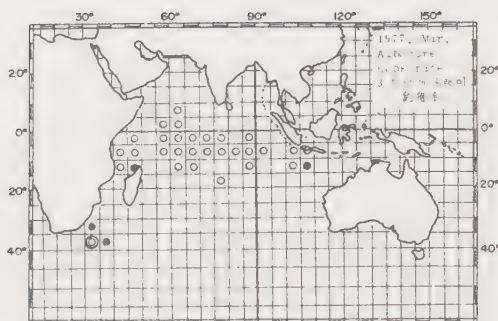
Hook rate and fishing effort

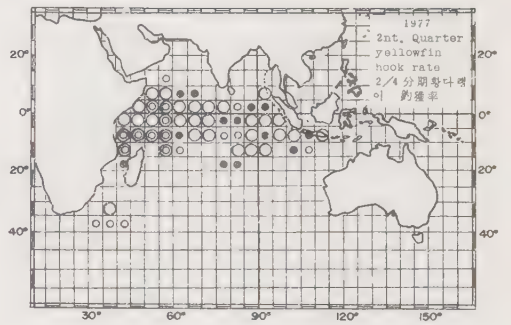
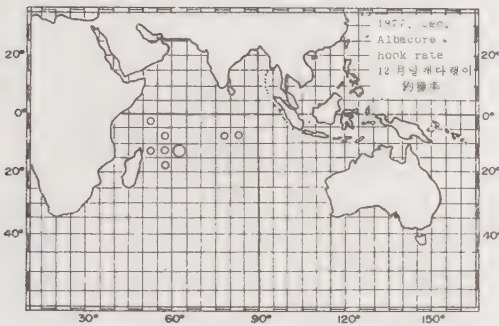
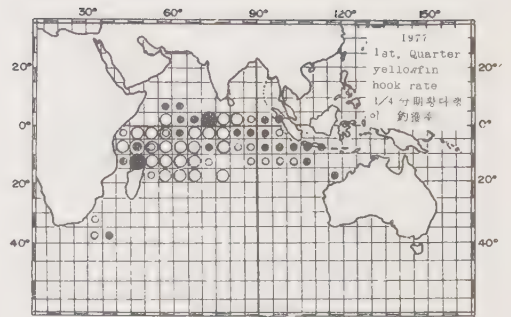
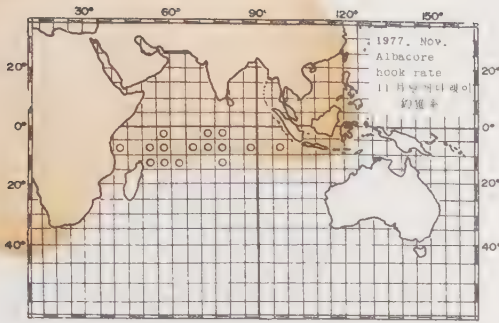
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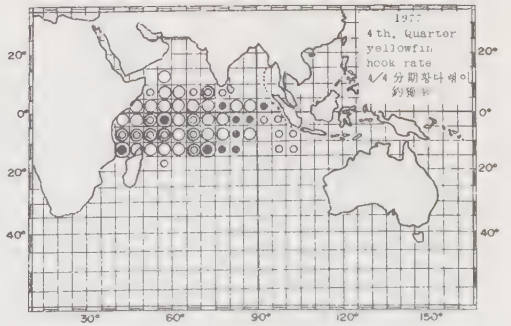
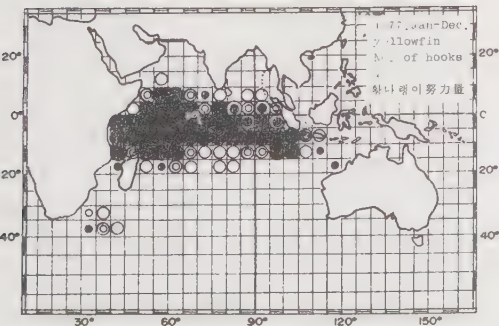
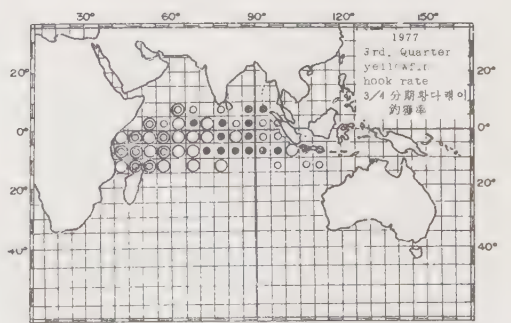
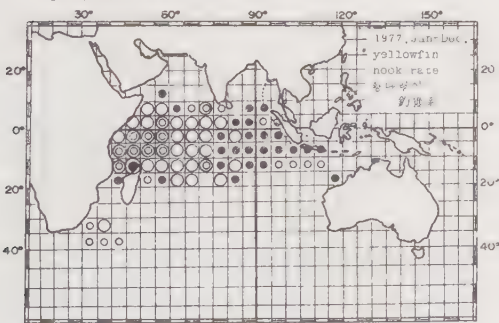


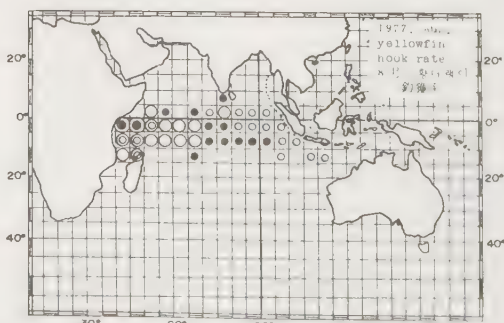
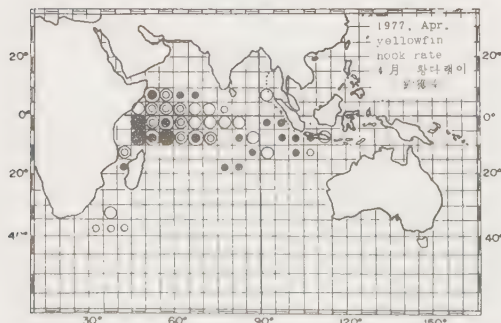
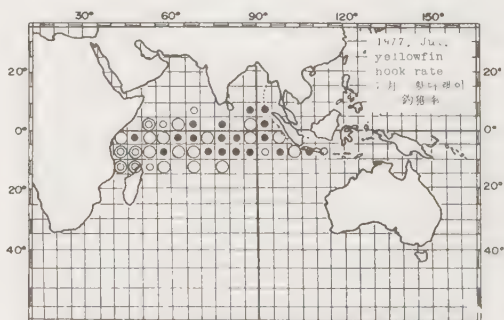
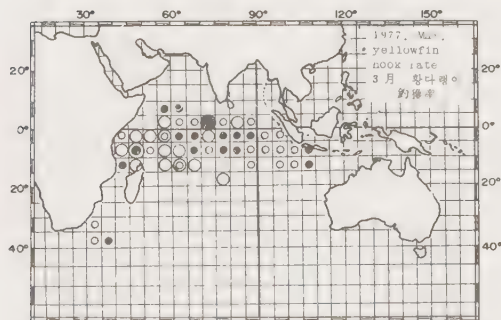
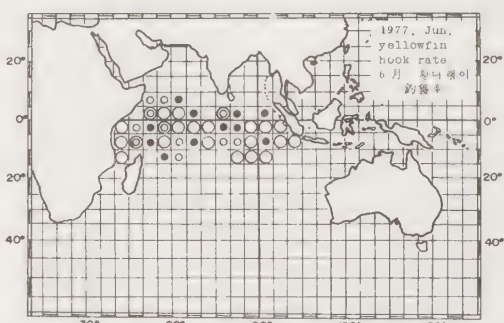
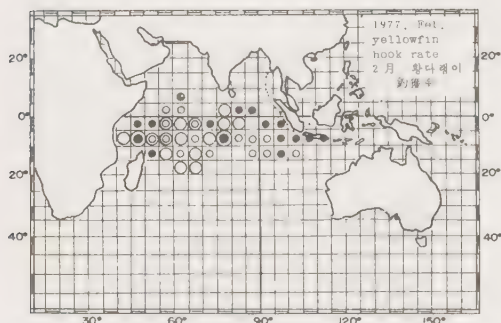
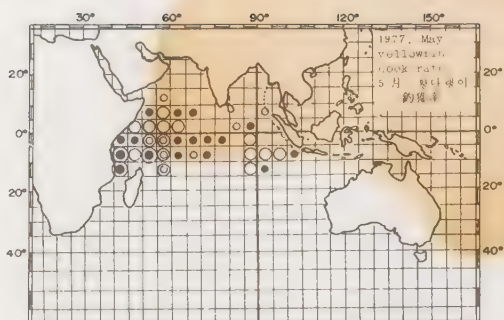
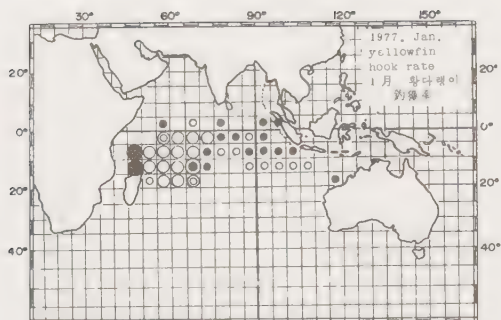




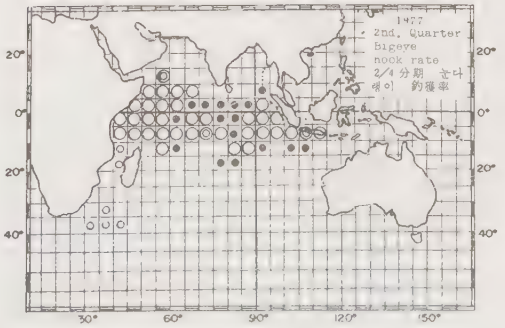
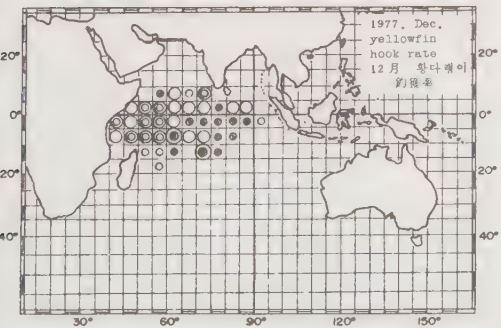
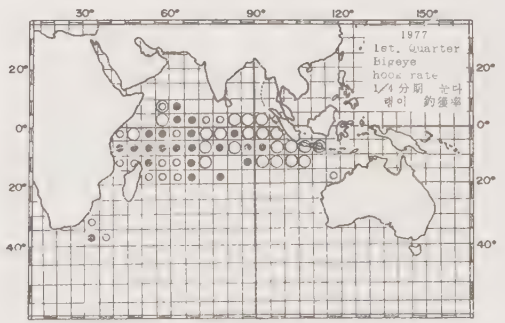
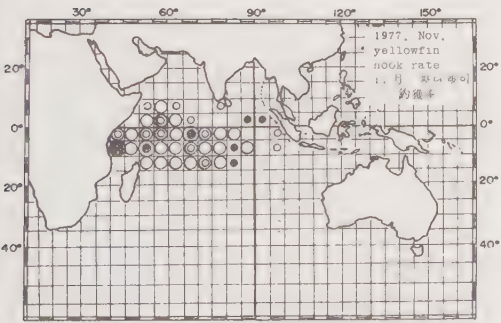
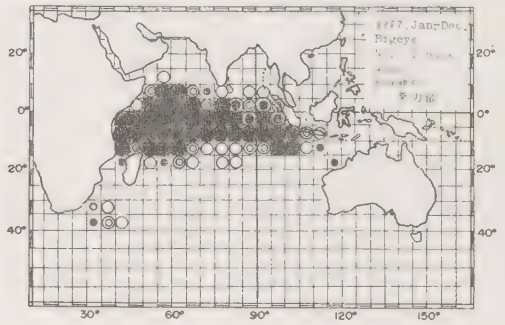
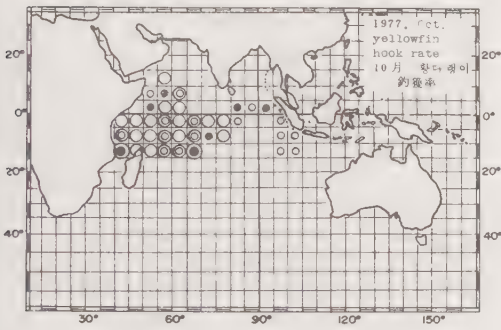
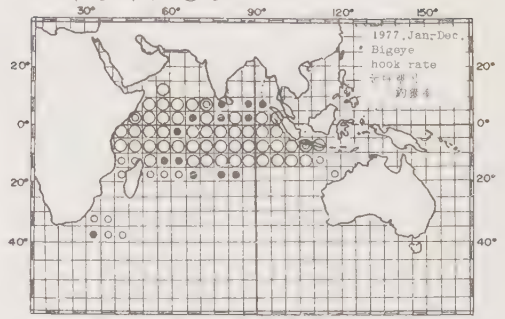
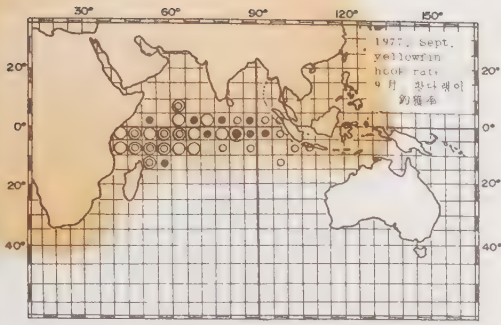


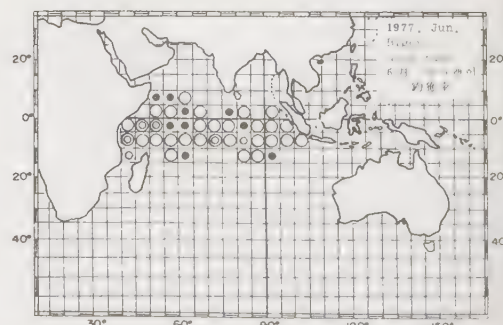
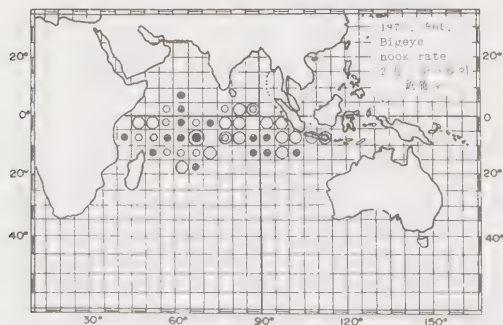
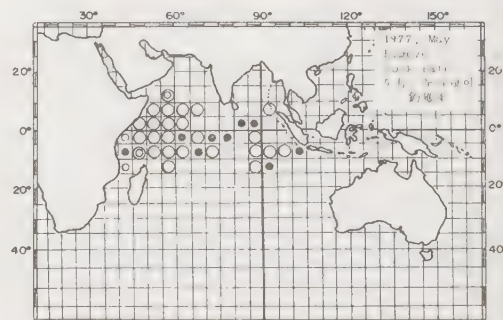
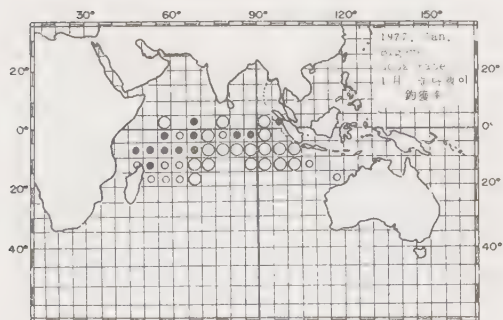
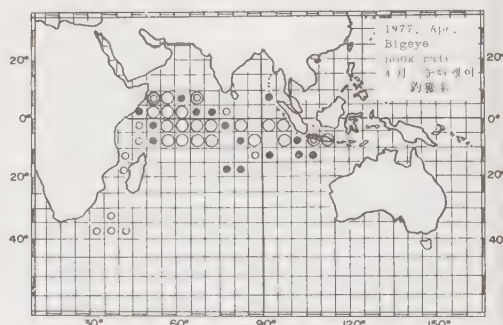
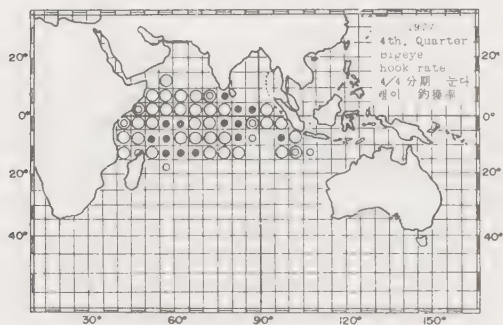
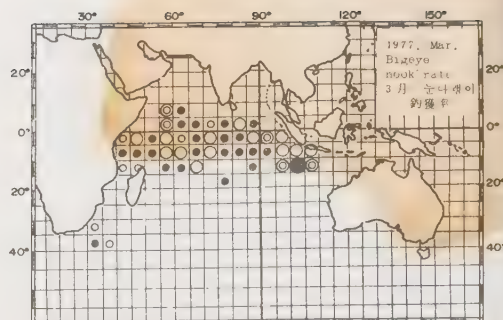
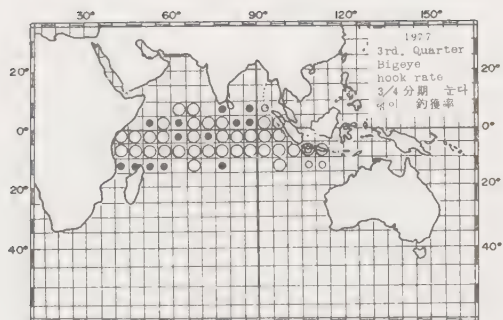
황다랭이 (Yellowfin tuna)

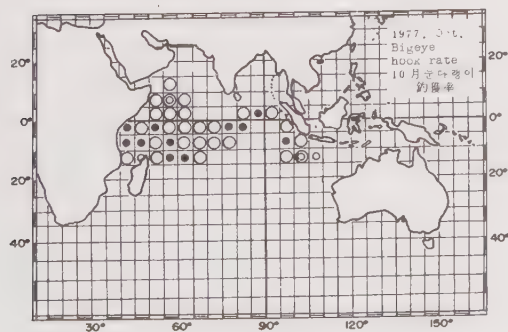
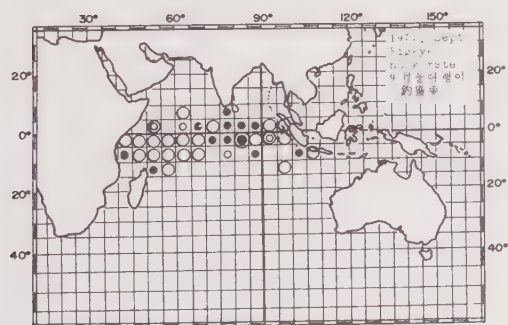
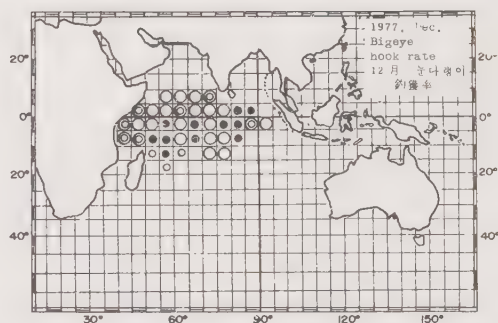
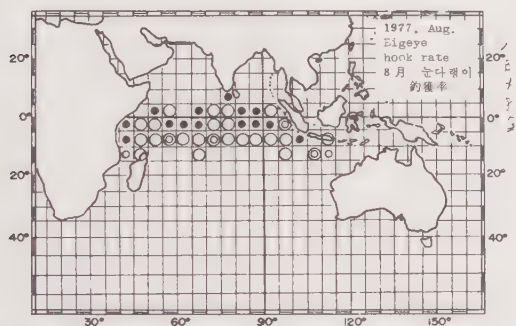
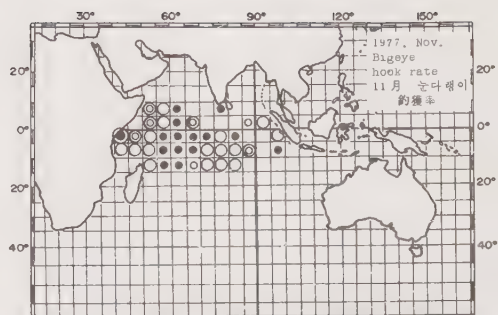
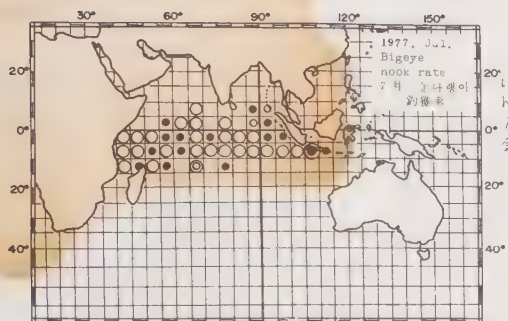




눈다랭이 (Bigeye tuna)









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全 魚 種

年別・分期別・月別・釣獲率 및 漁獲努力分布圖

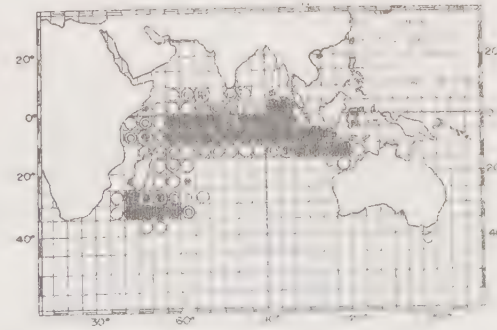
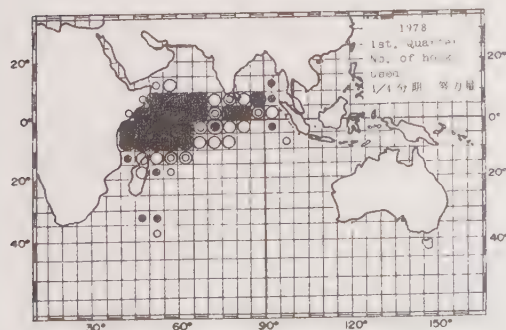
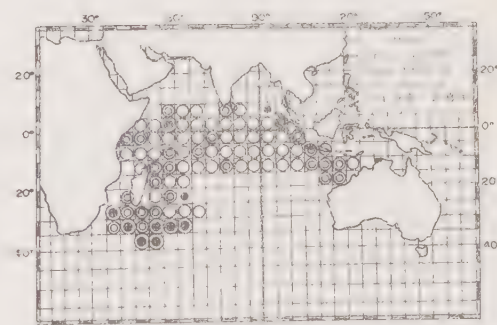
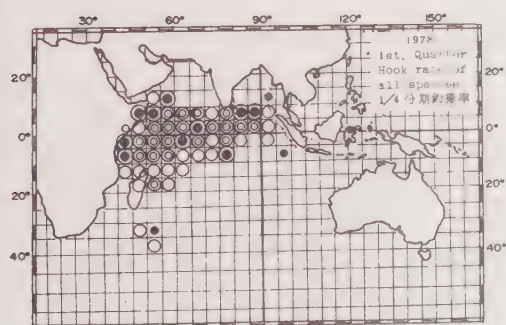
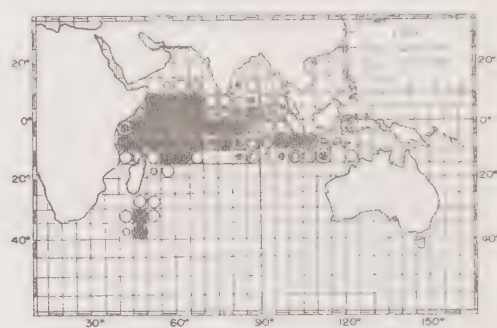
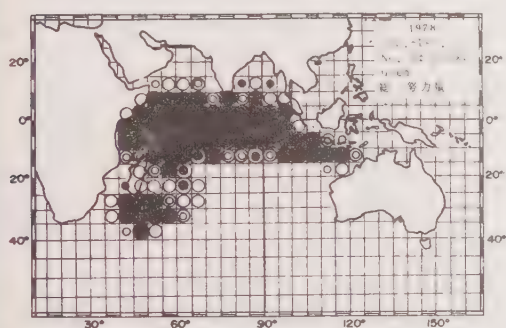
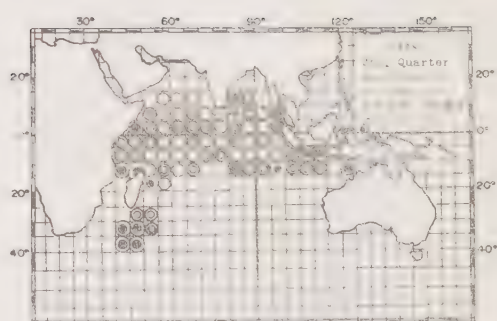
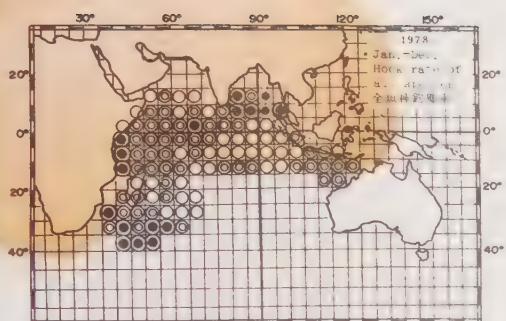
All Species

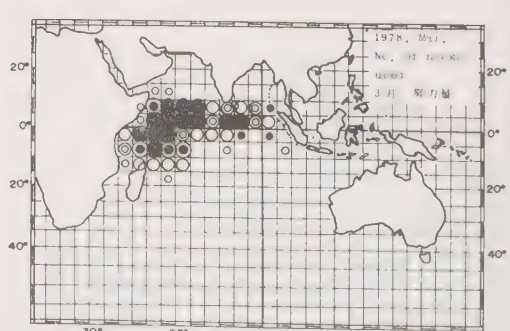
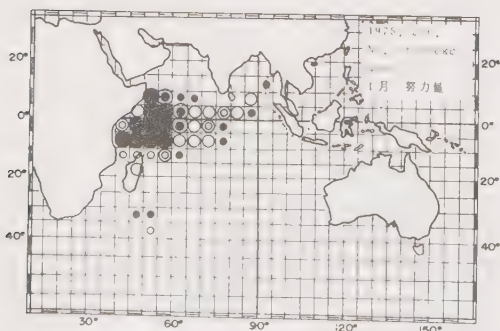
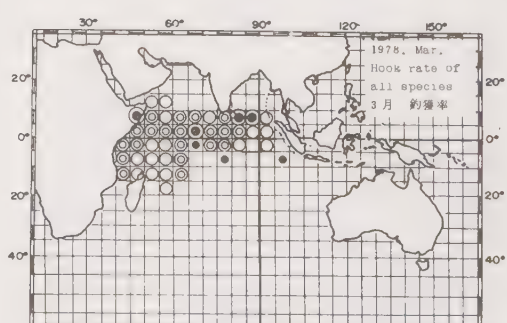
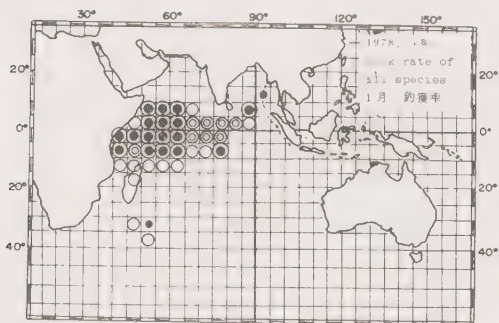
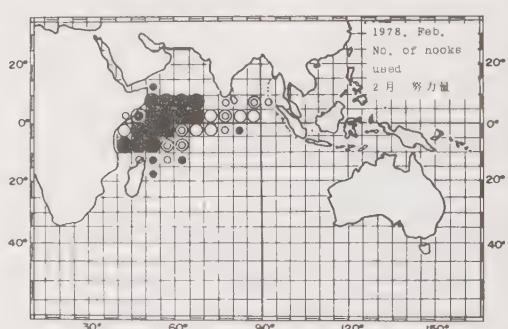
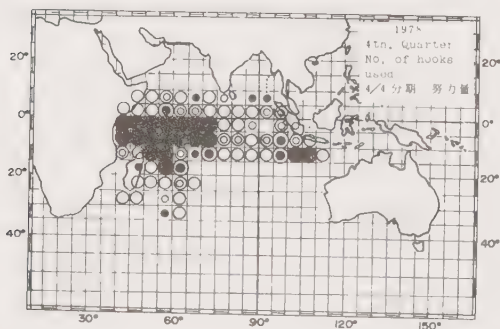
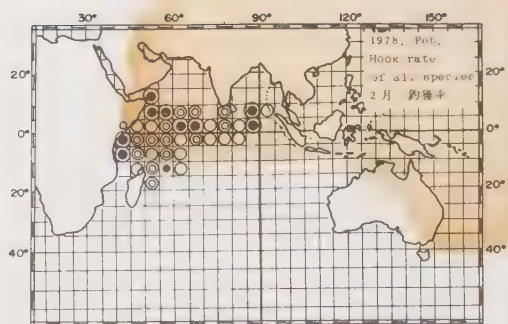
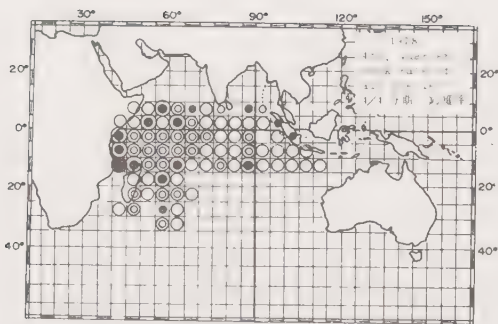
Hook rate and fishing effort by Month,
by quarter and by year

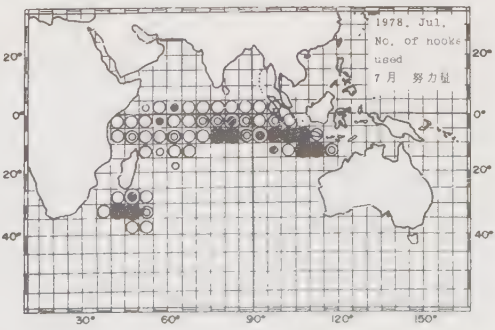
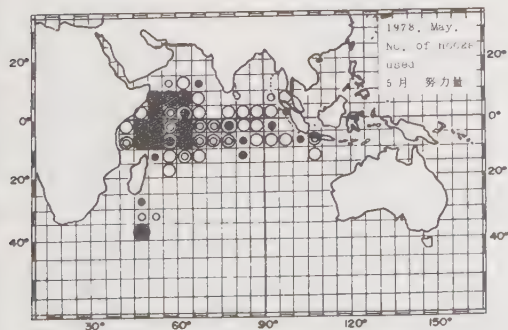
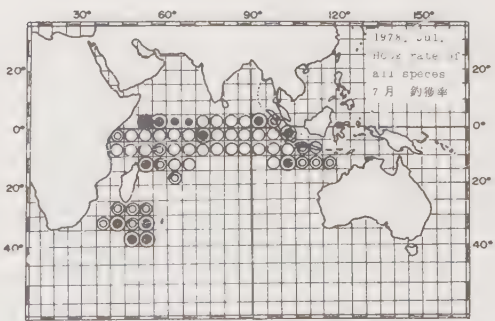
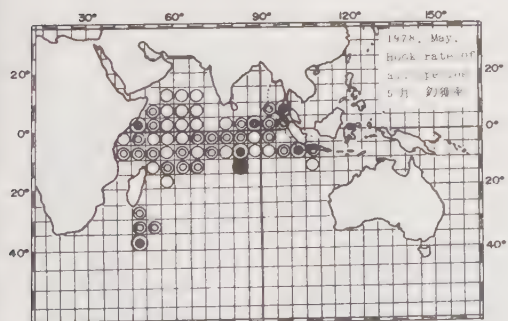
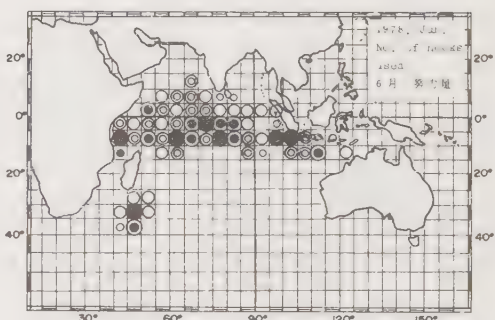
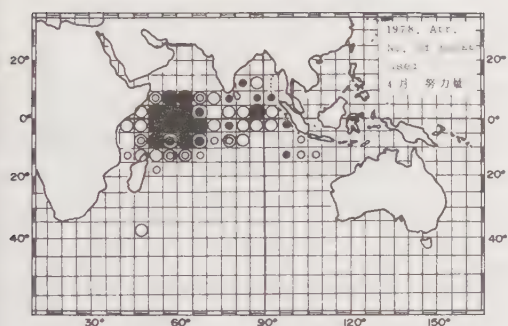
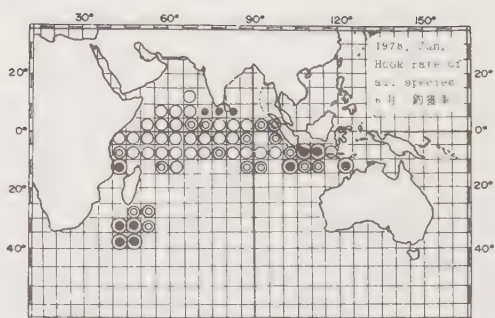
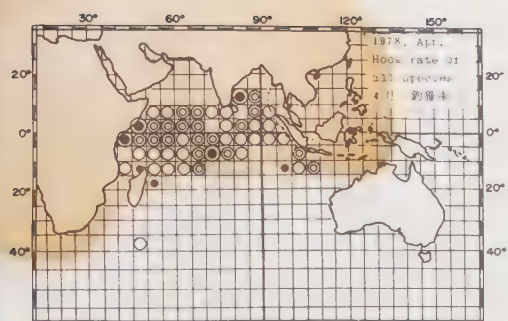
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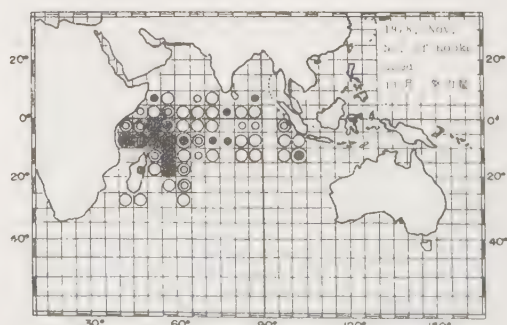
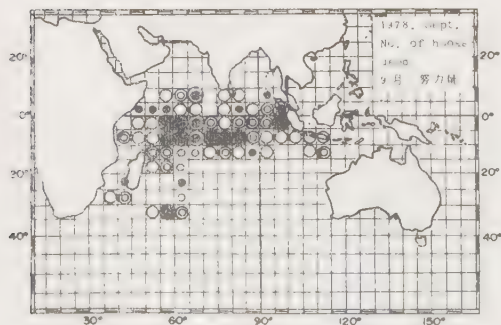
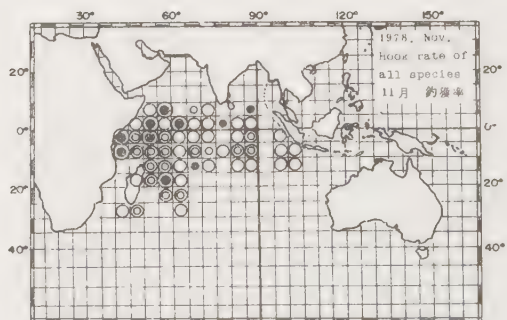
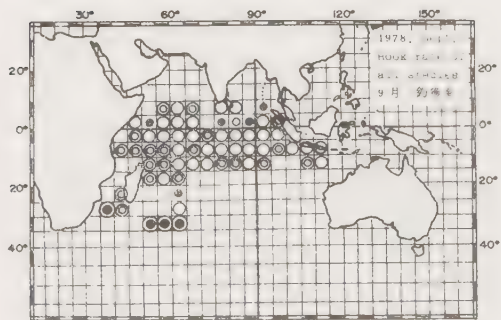
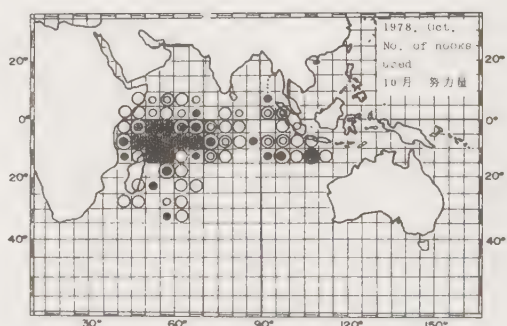
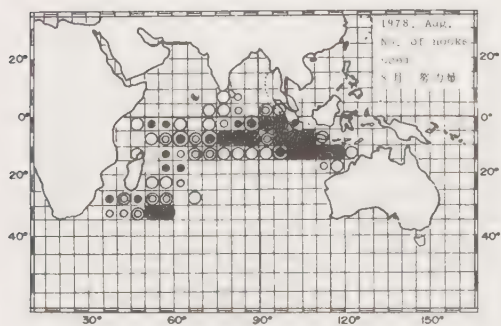
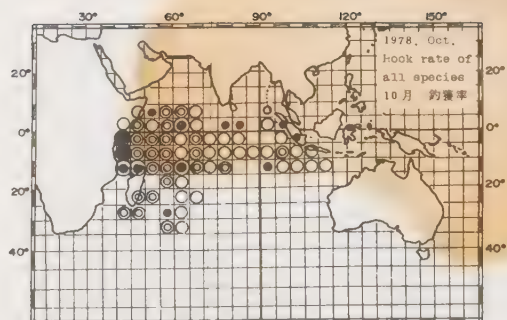
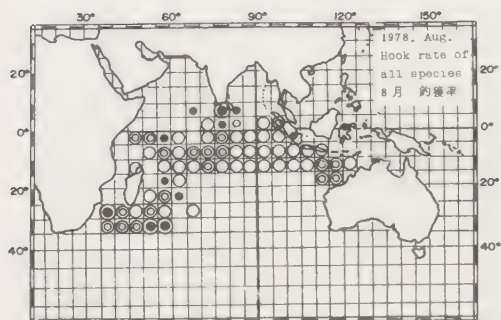
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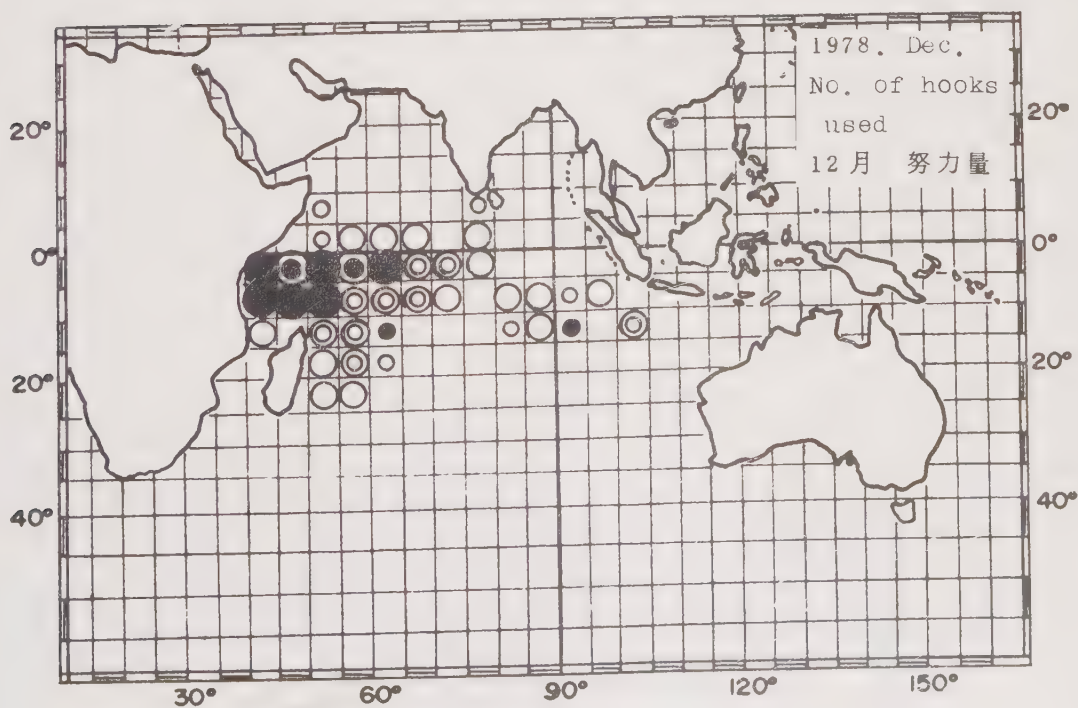
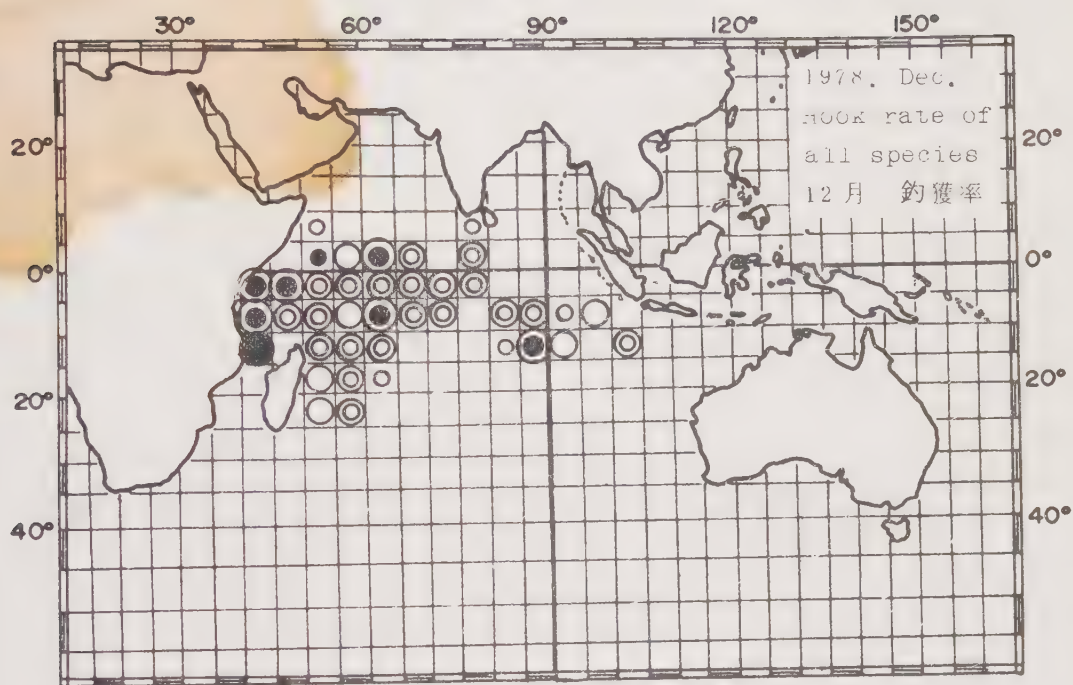














1978

날개다랭이, 황다랭이, 눈다랭이
釣獲率 및 漁獲努力 分布圖

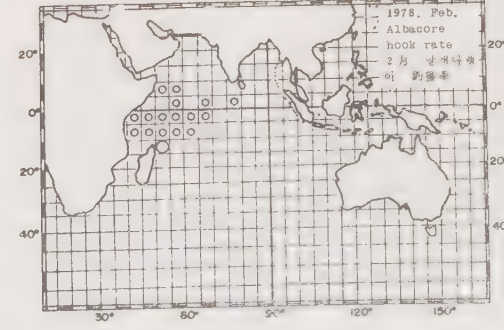
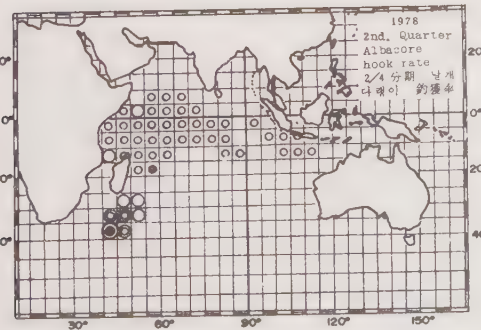
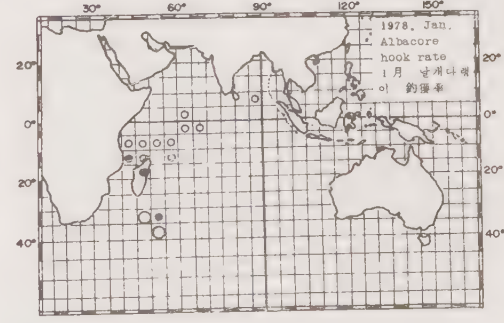
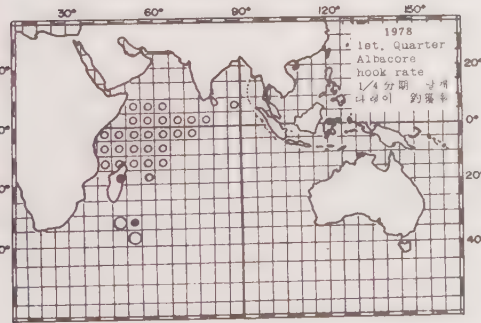
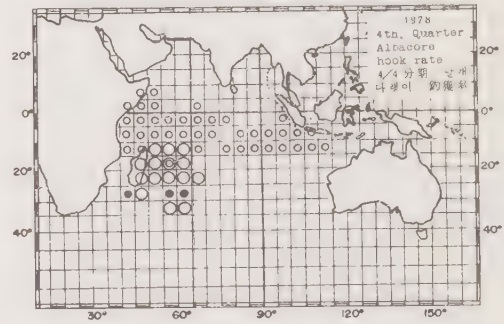
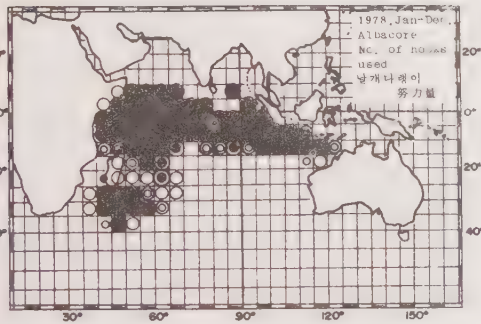
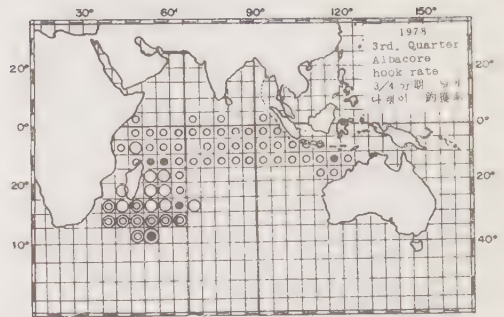
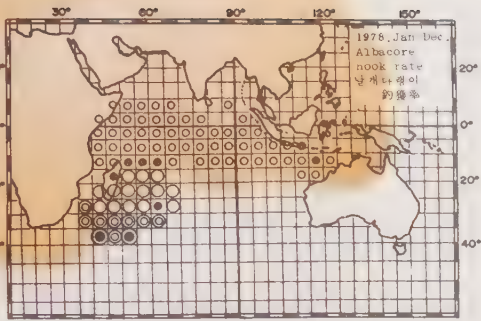
Albacore, Yellowfin, Bigeye

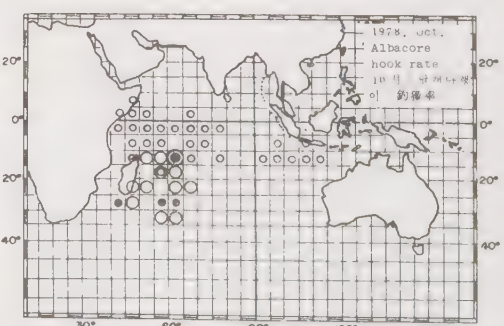
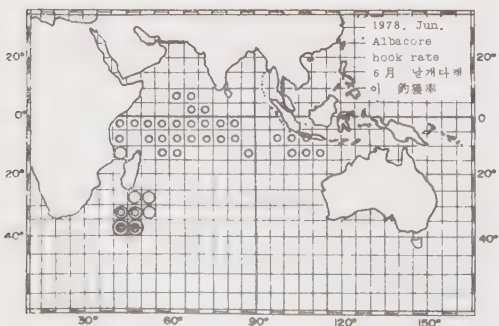
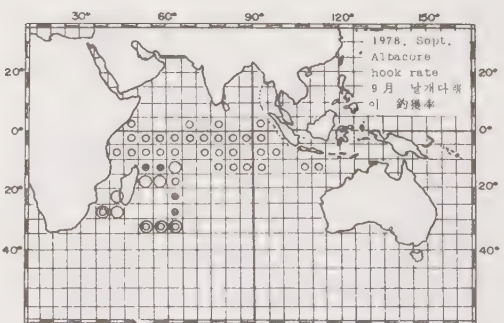
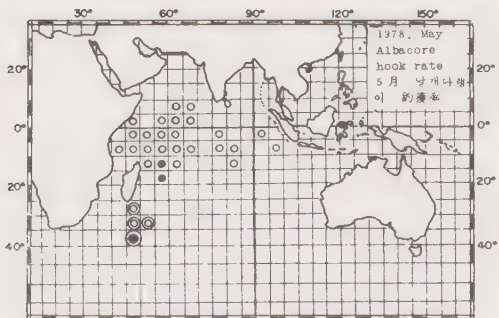
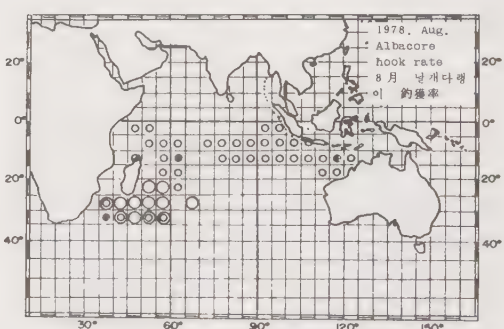
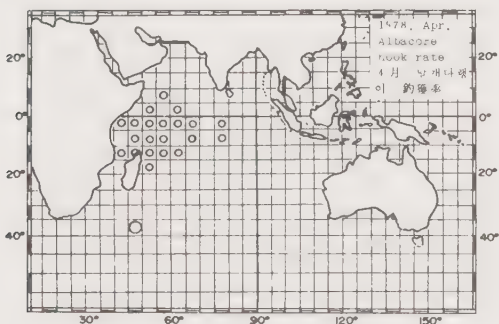
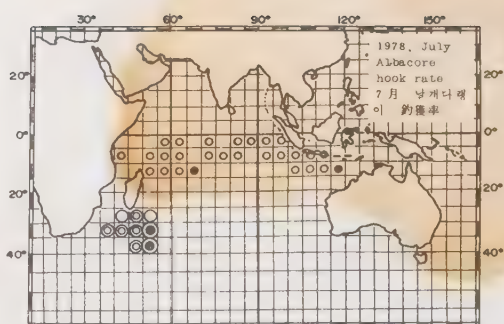
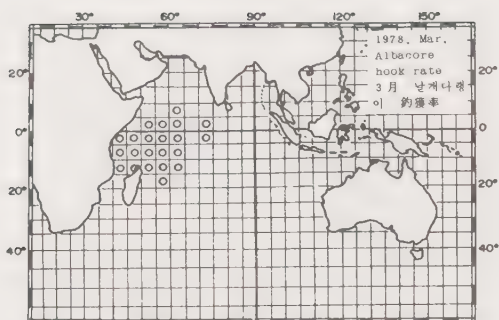
Hook rate and fishing effort

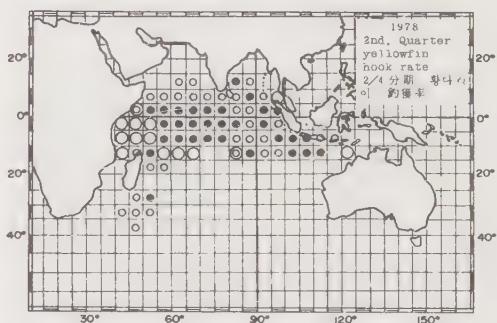
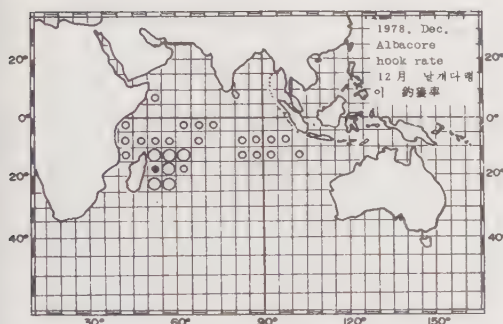
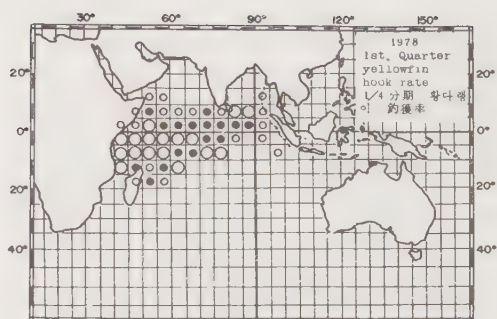
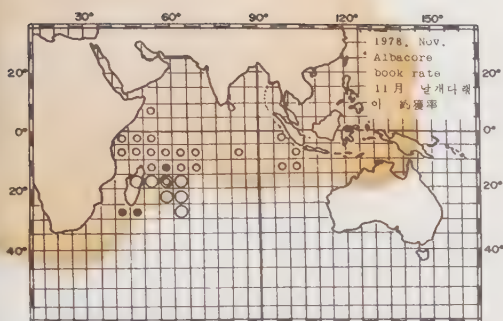
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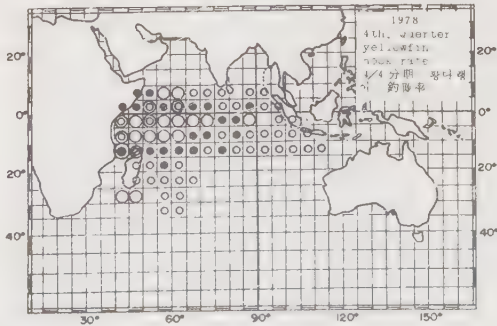
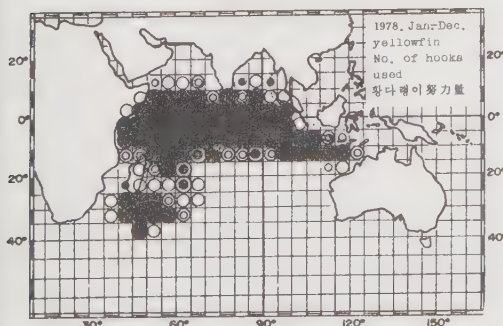
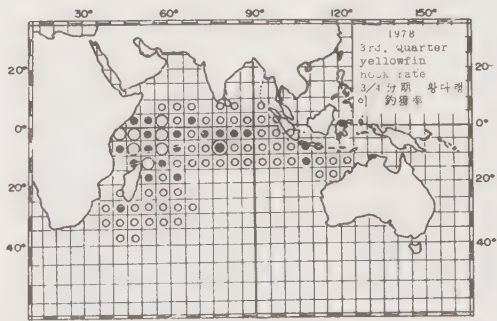
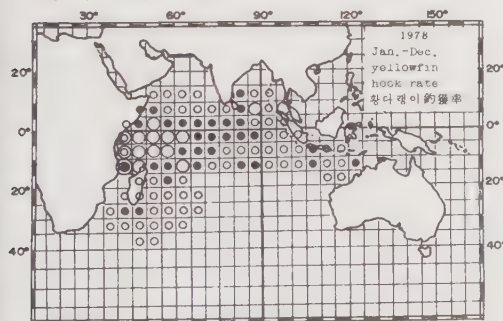


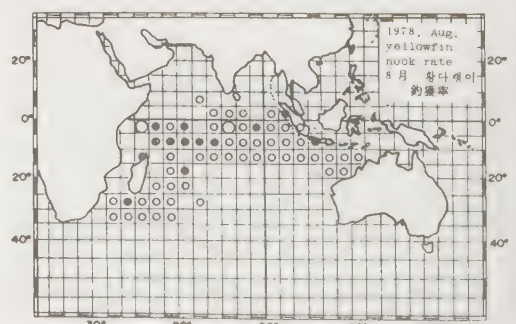
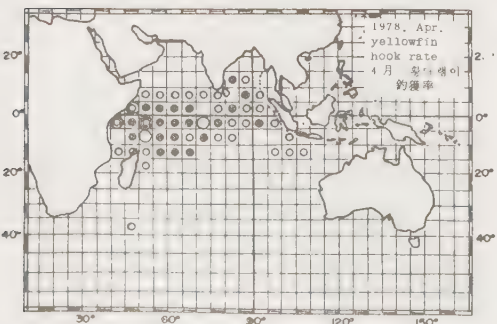
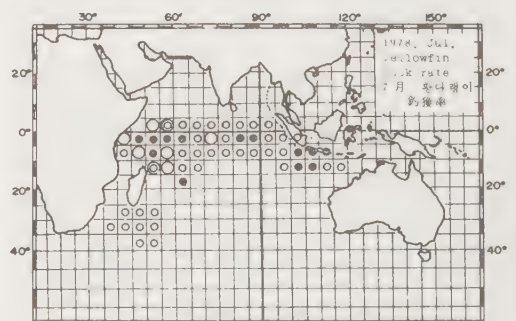
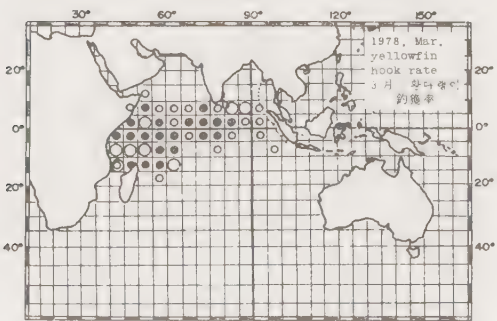
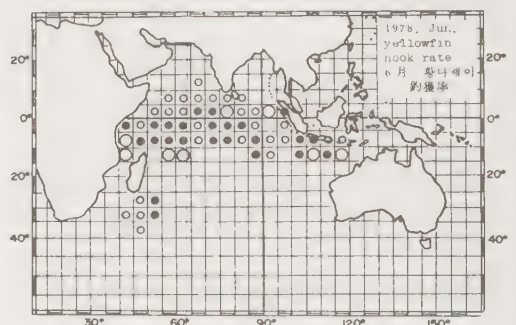
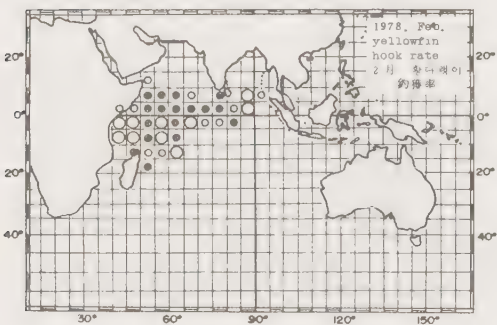
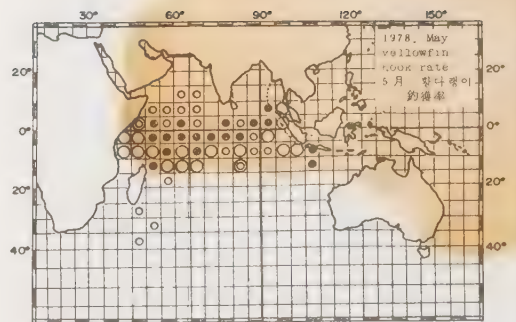
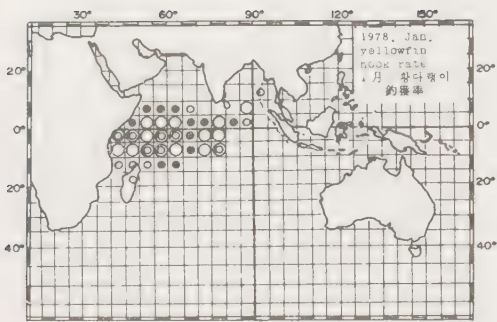


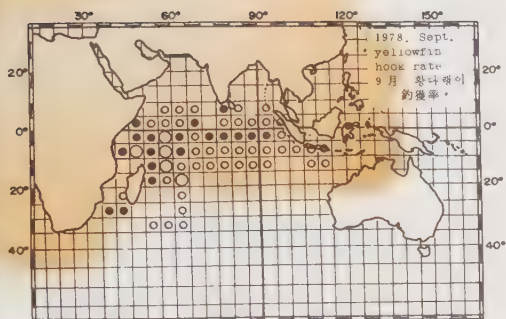




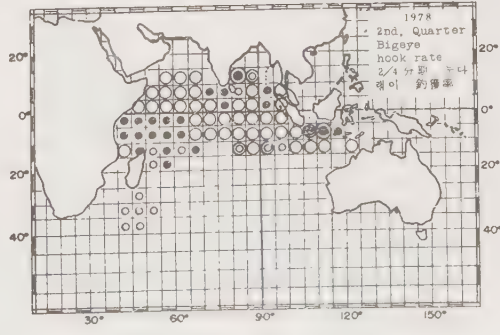
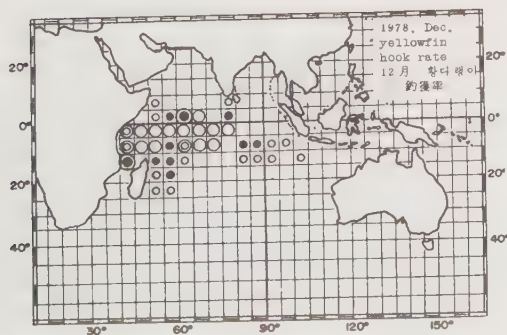
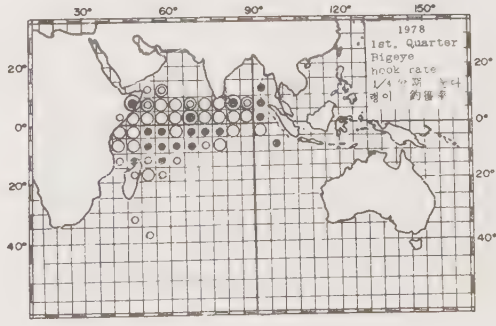
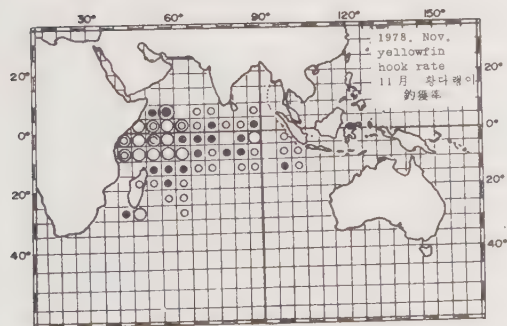
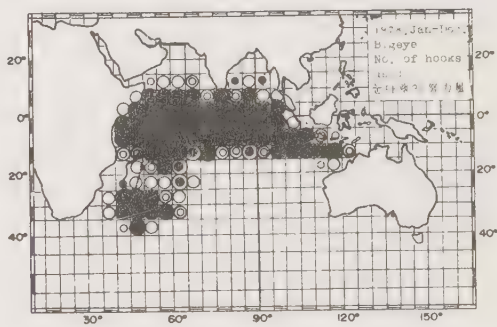
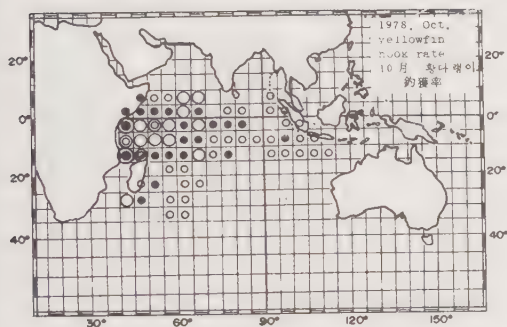
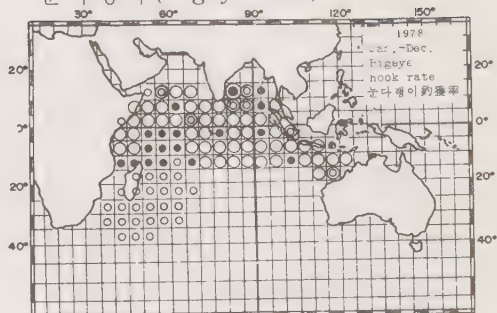
황다랭이 (Yellowfin tuna)

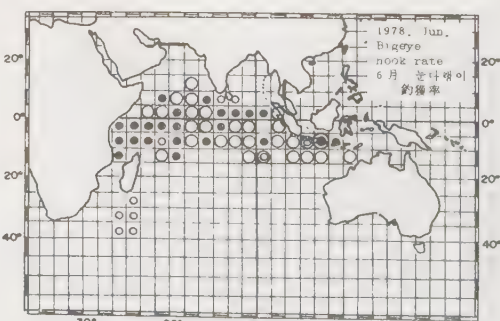
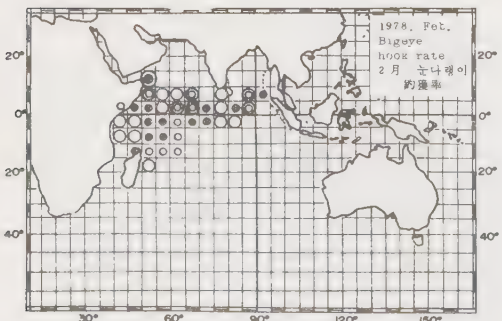
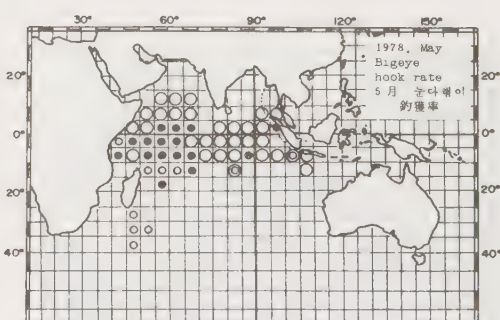
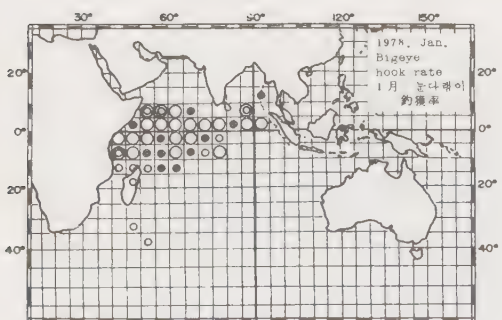
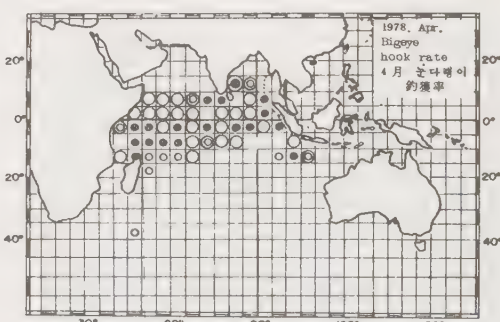
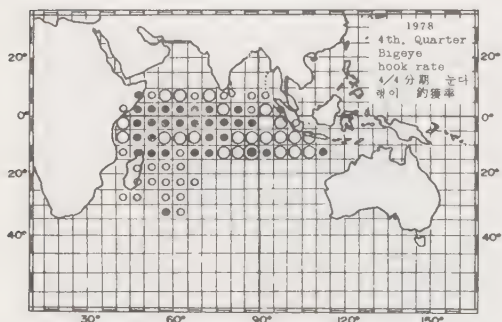
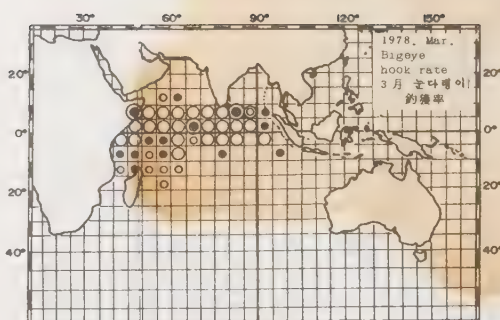
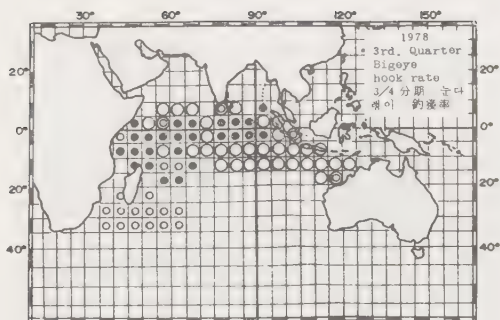


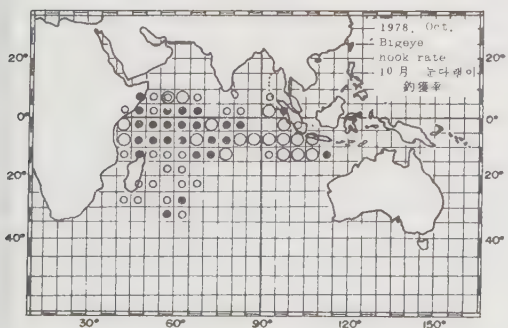
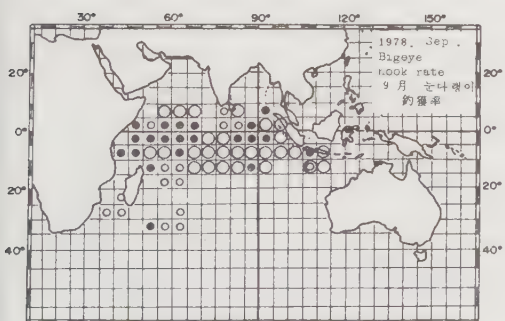
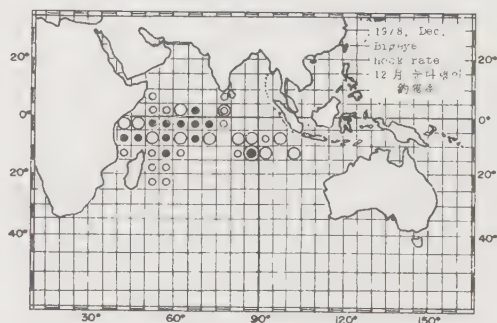
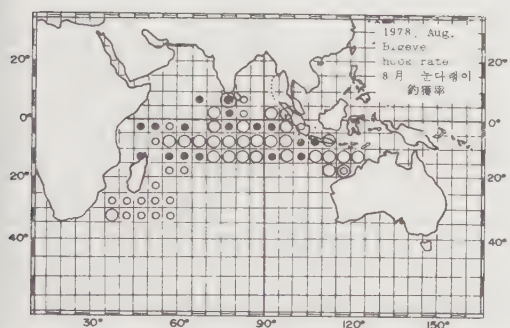
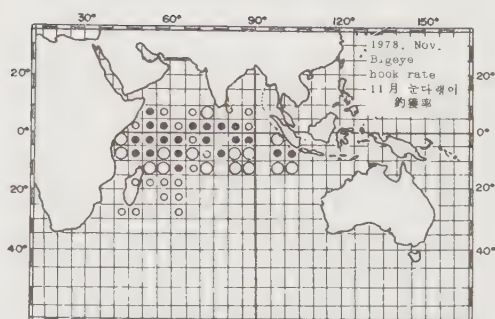
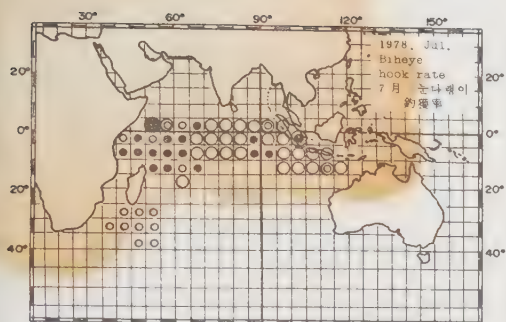




눈다랭이 (Bigeye tuna)









太平洋

Pacific Ocean

1975-1978

1. 全魚種의 年別・分期別・釣獲率 및 努力量 分布圖

Distribution of hook rate and fishing effort
of all species by month, by quarter and by year

2. 魚種別・分期別・月別・釣獲率 및 努力量 分布圖

날개다랭이, 황다랭이, 눈다랭이

Distribution of hook rate and fishing effort
by species, by month and by quarter

Albacore, Yellowfin, Bigeye



1975

全 魚 種

年別・分期別・月別・釣獲率 및 漁獲努力分布圖

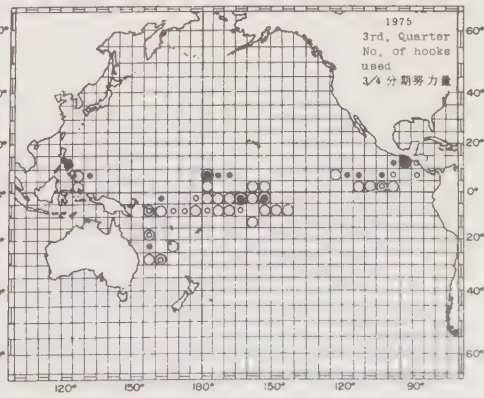
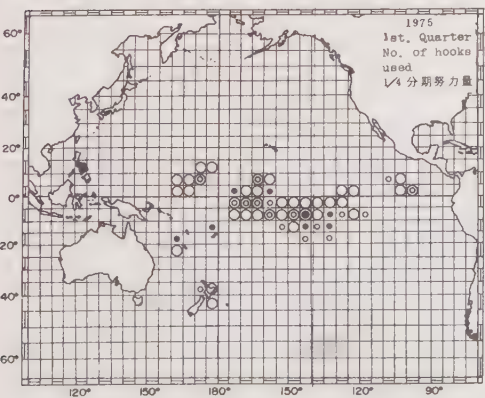
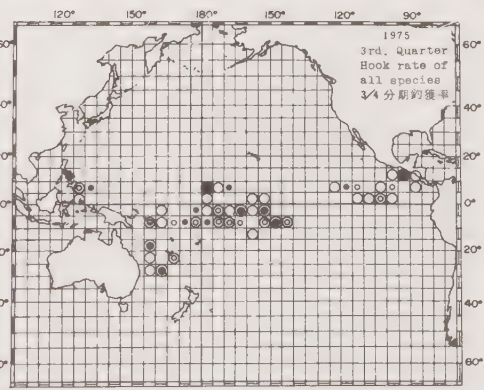
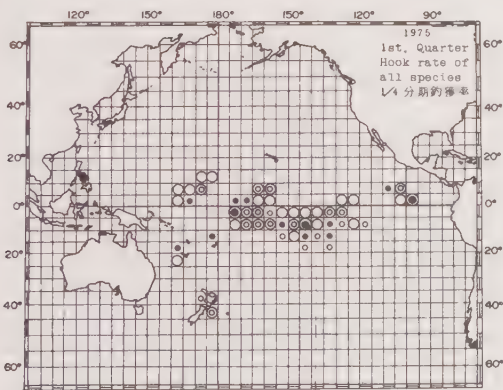
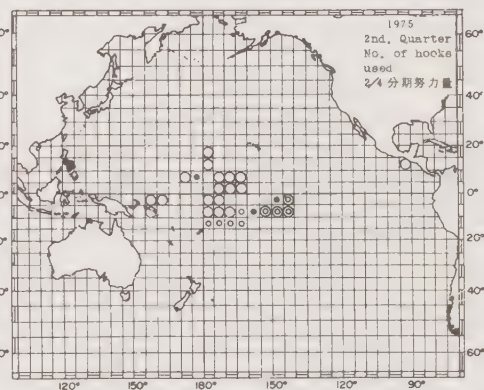
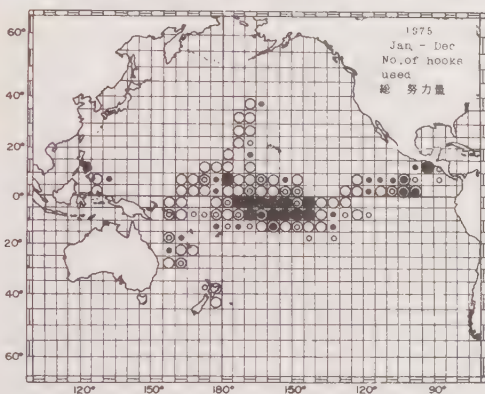
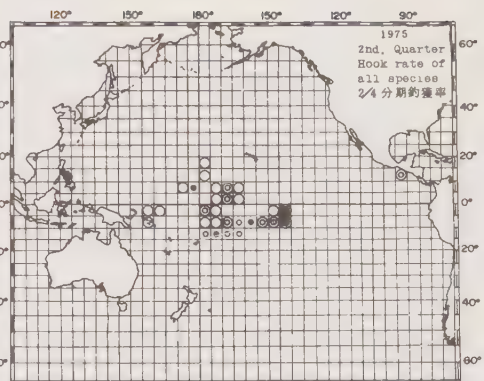
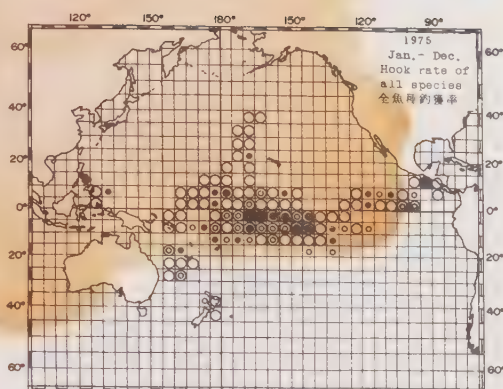
All Species

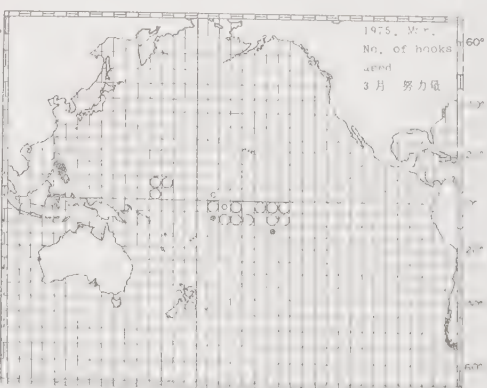
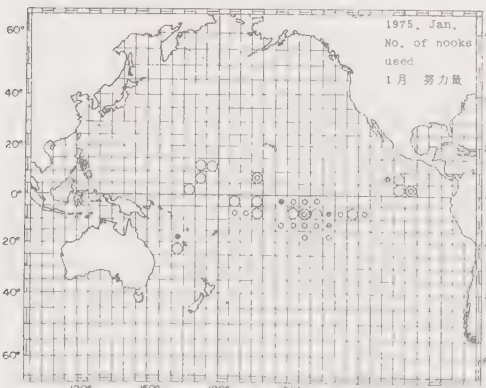
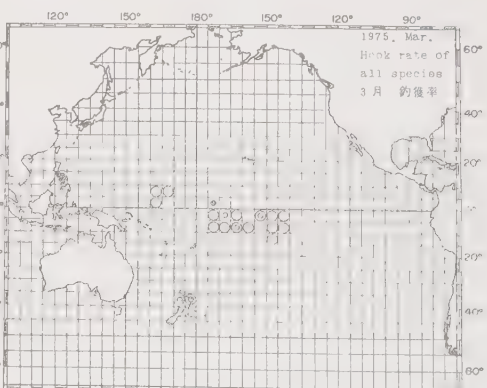
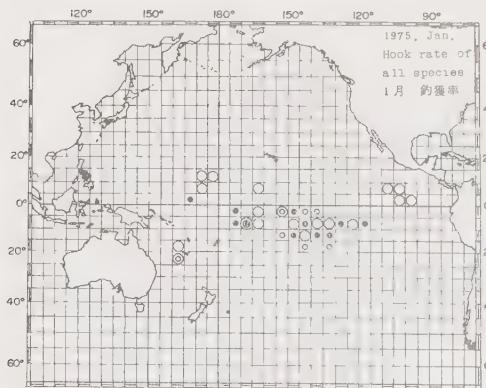
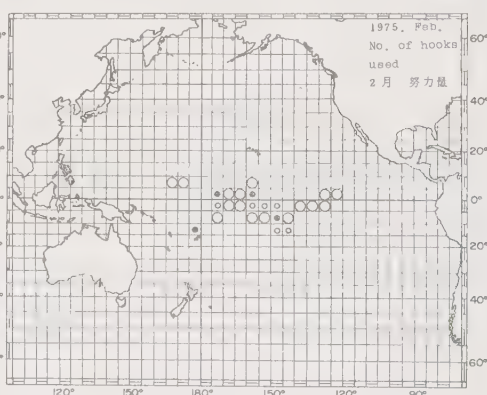
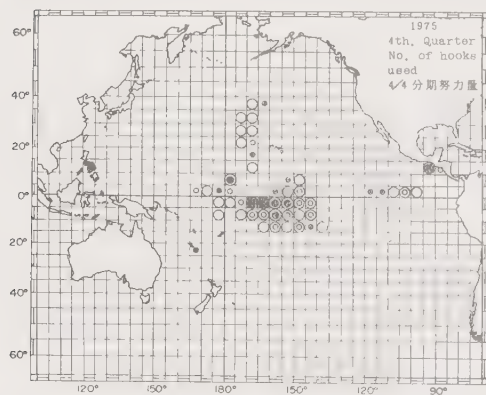
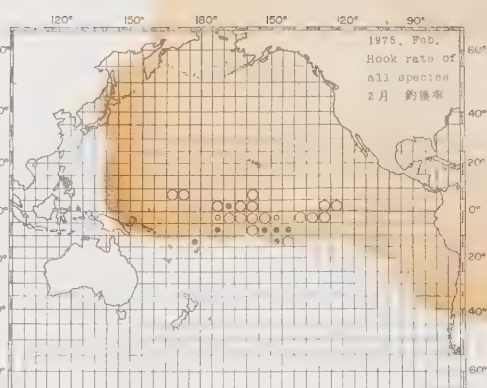
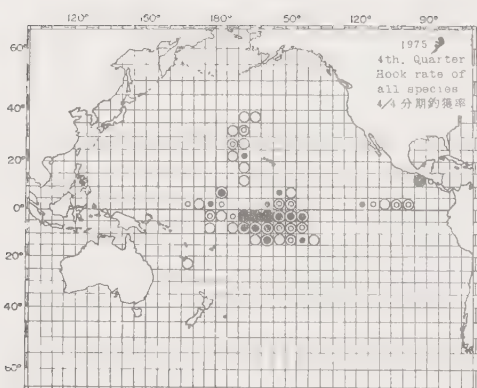
Hook rate and fishing effort by Month,
by quarter and by year

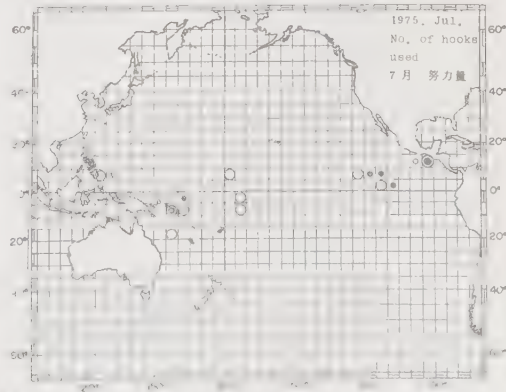
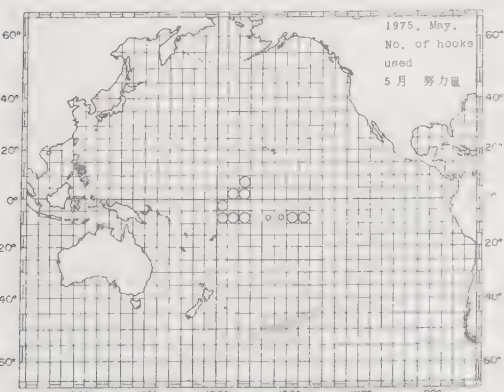
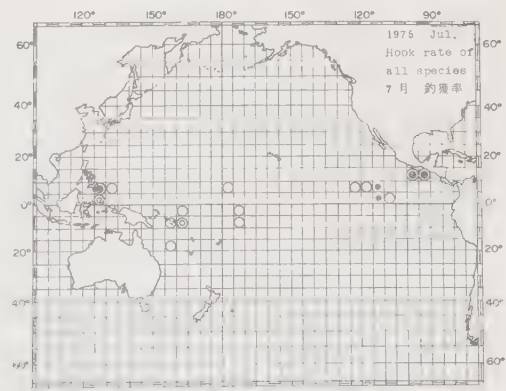
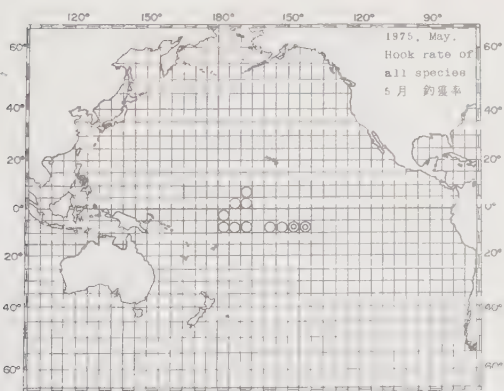
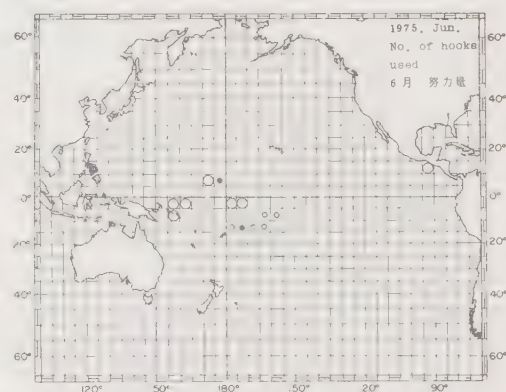
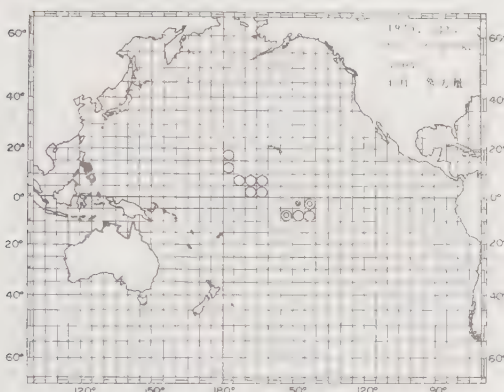
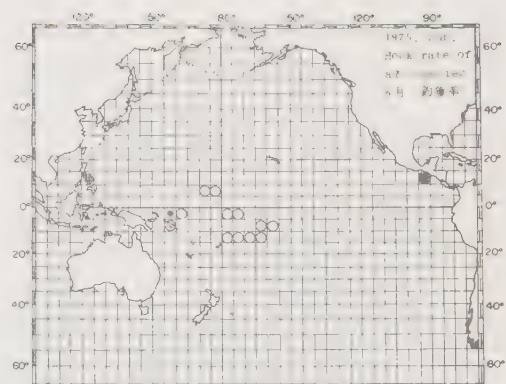
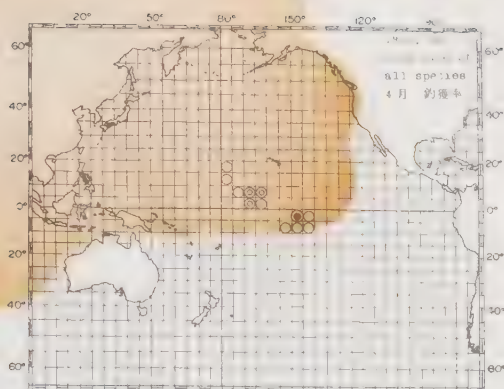
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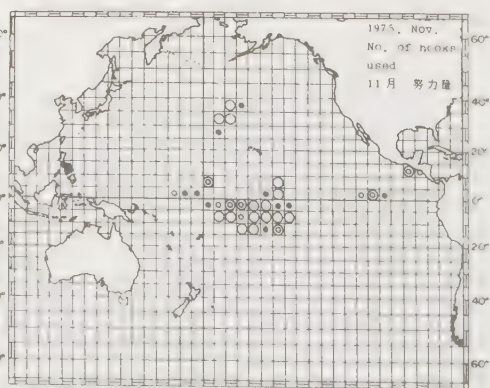
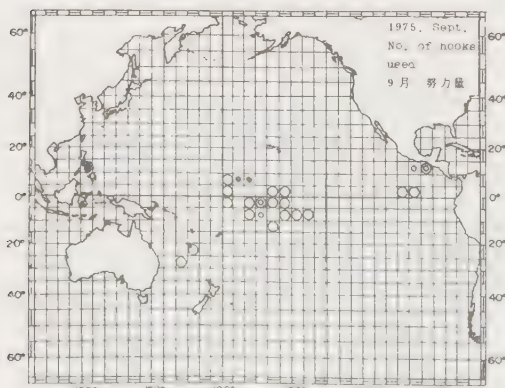
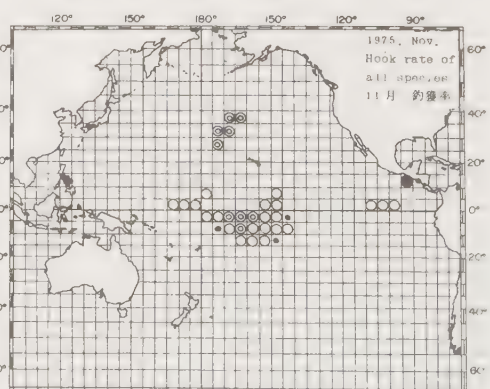
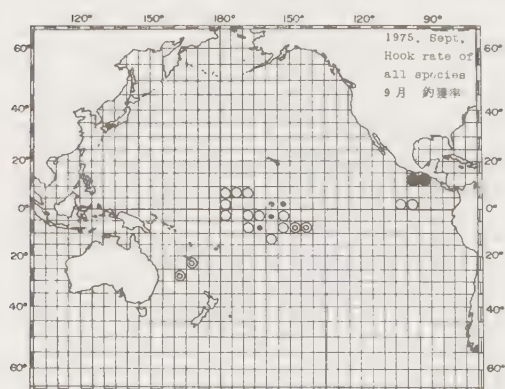
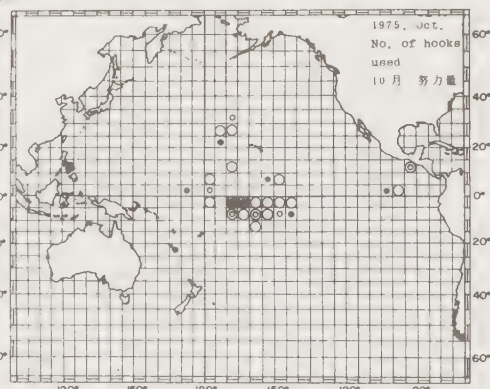
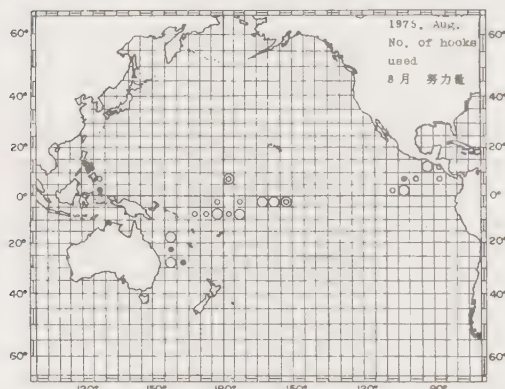
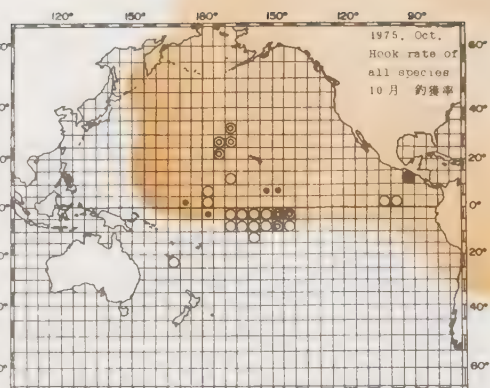
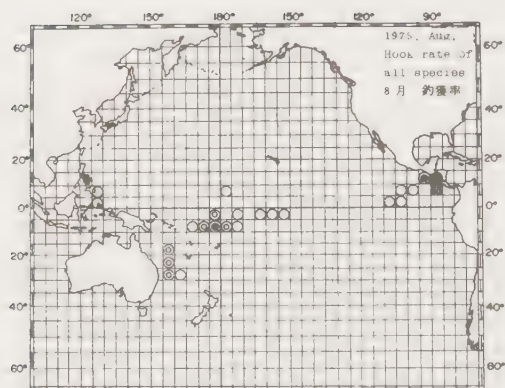
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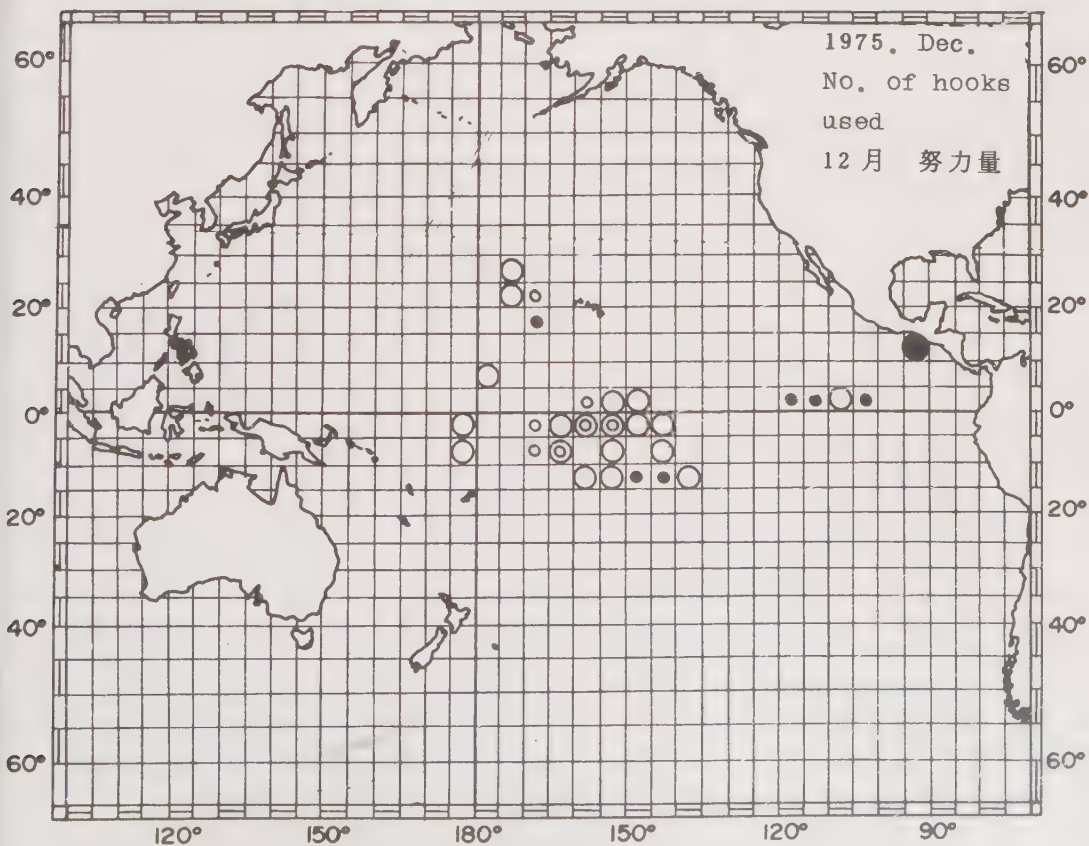
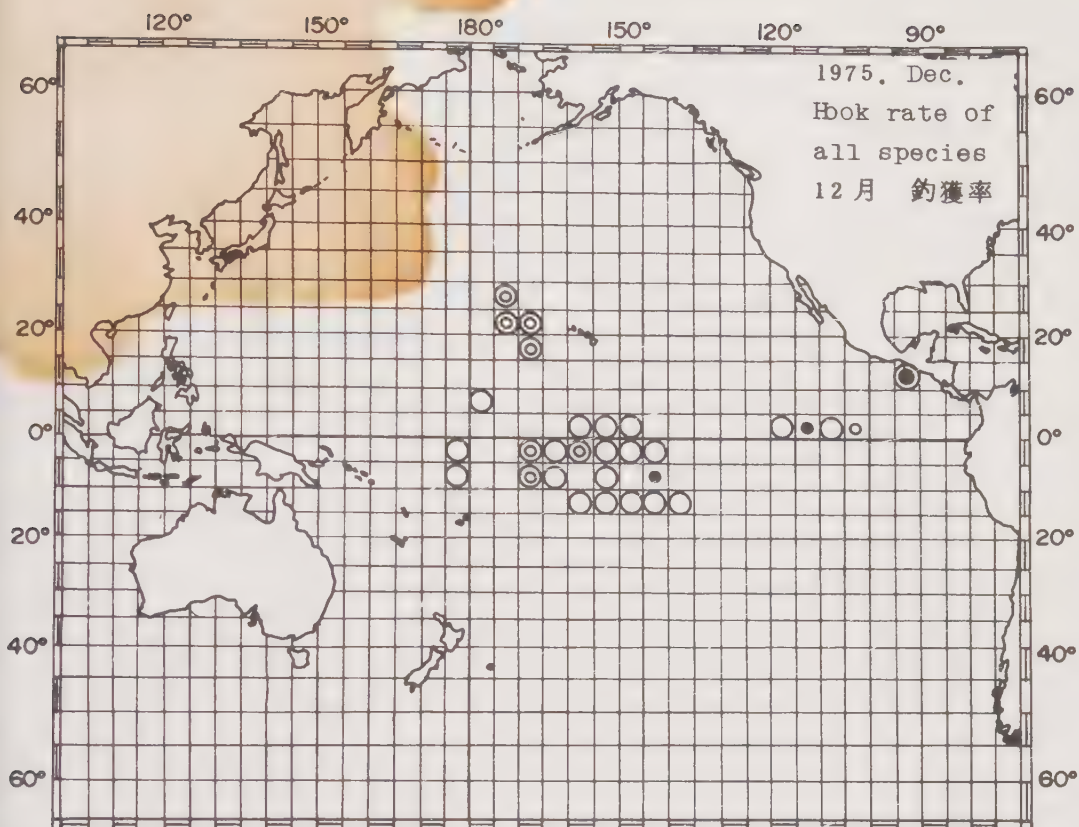














1975

날개다랭이, 황다랭이, 눈다랭이

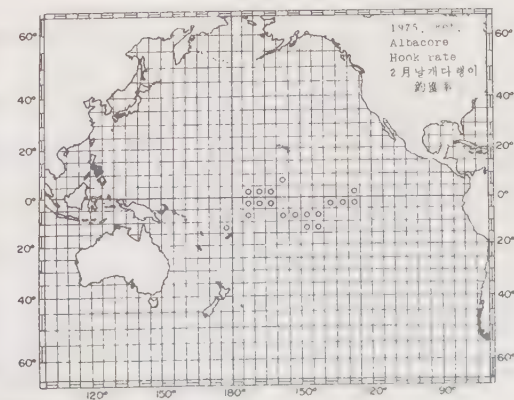
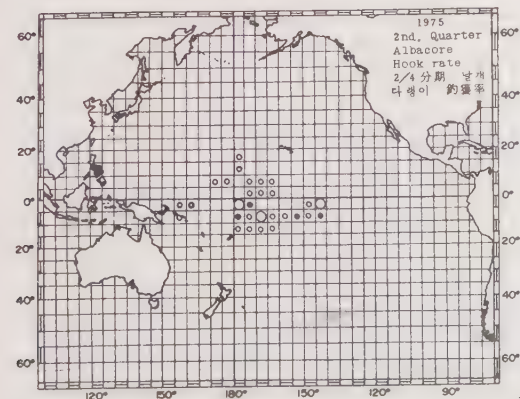
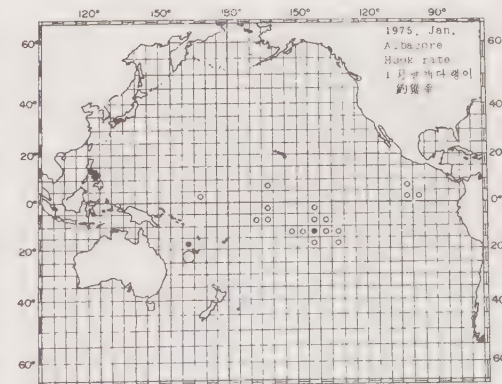
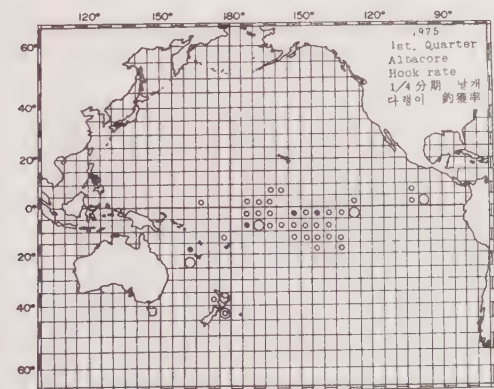
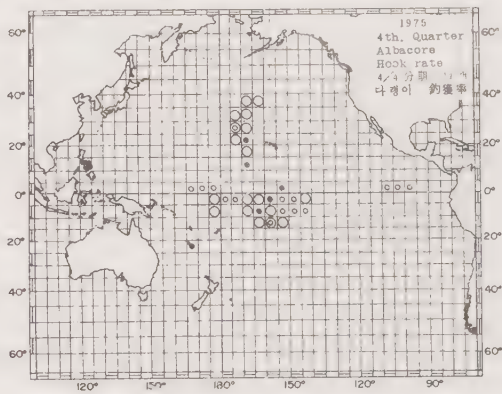
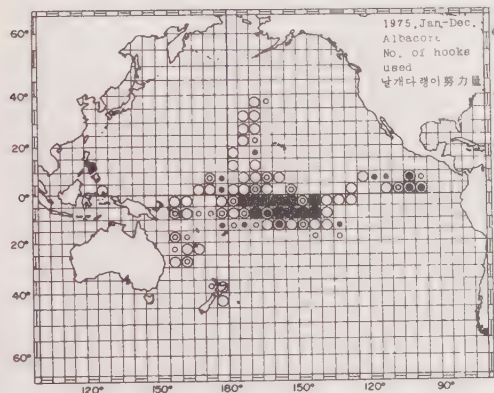
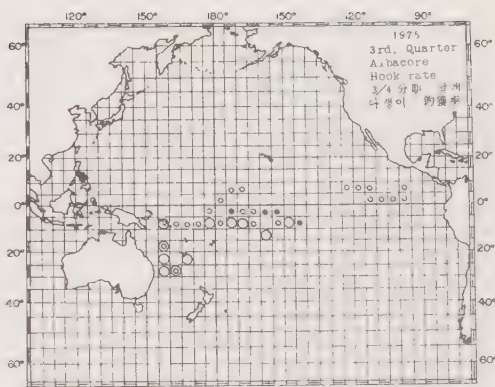
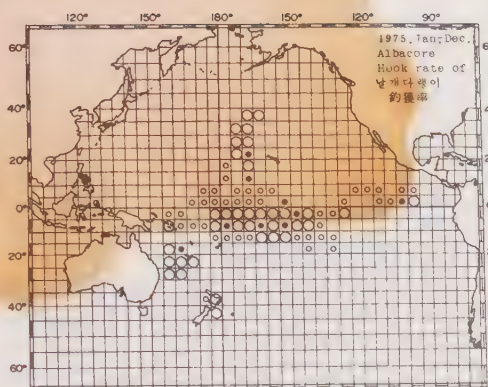
釣獲率 및 漁獲努力 分布圖

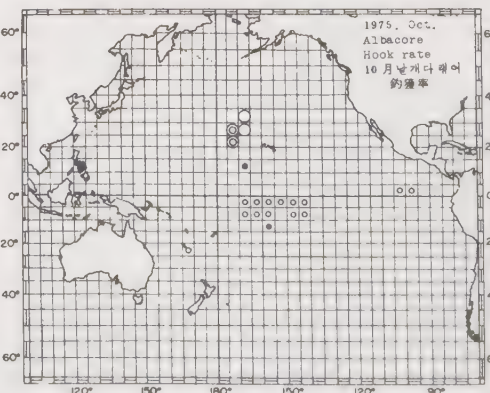
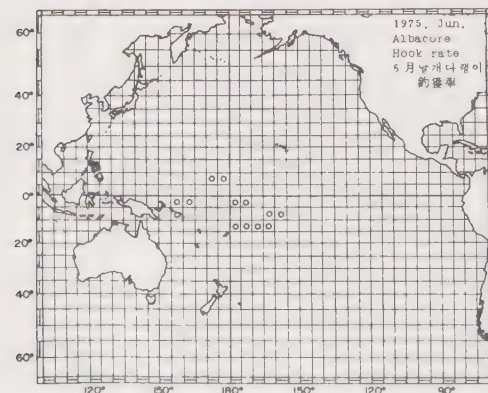
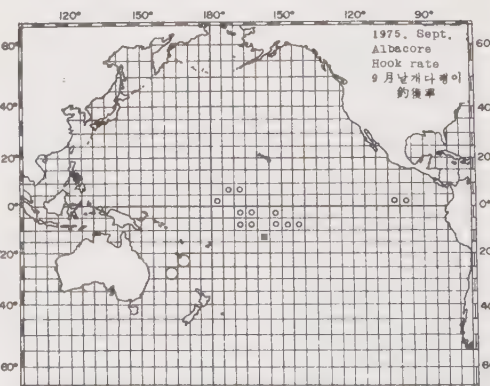
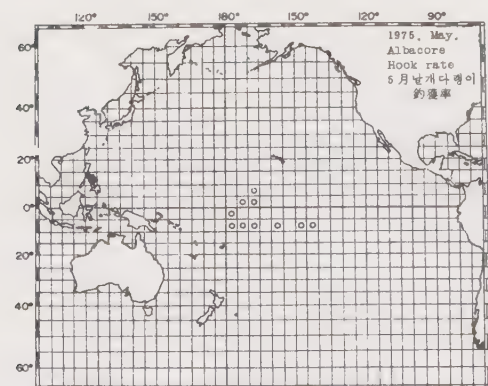
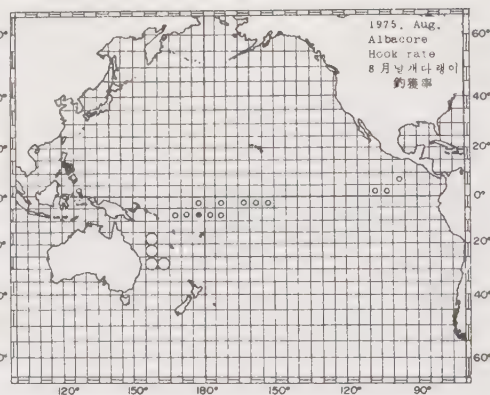
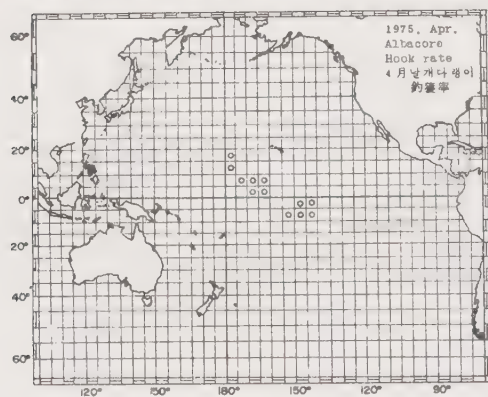
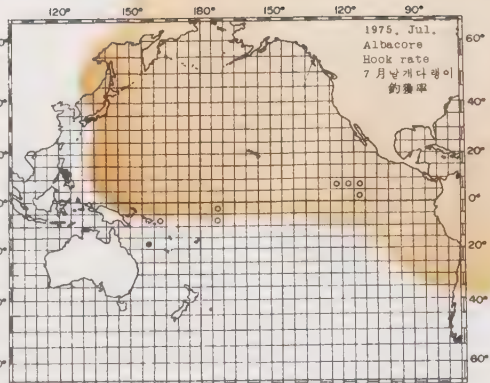
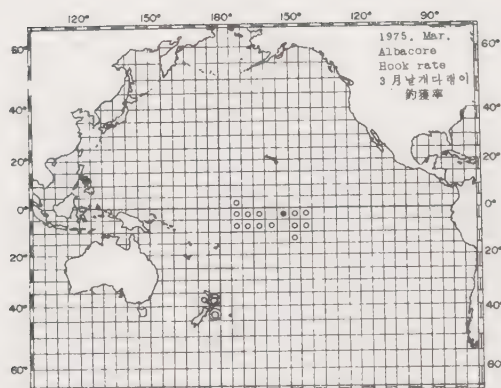
Albacore, Yellowfin, Bigeye

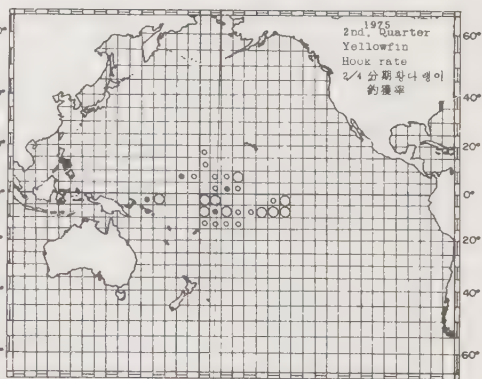
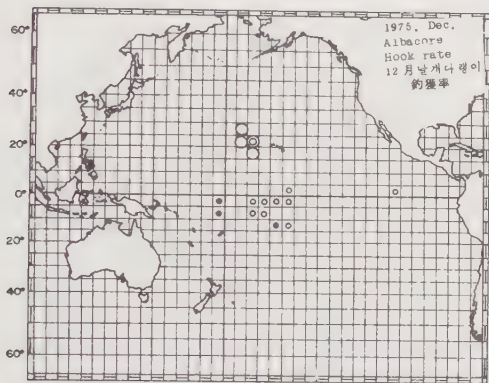
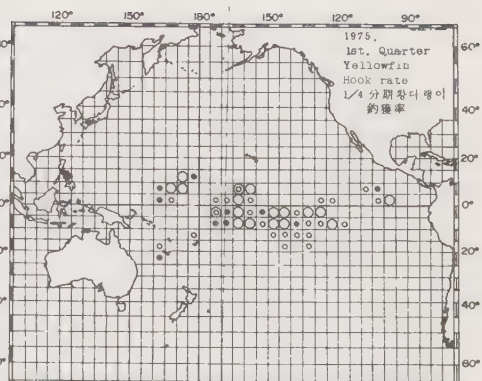
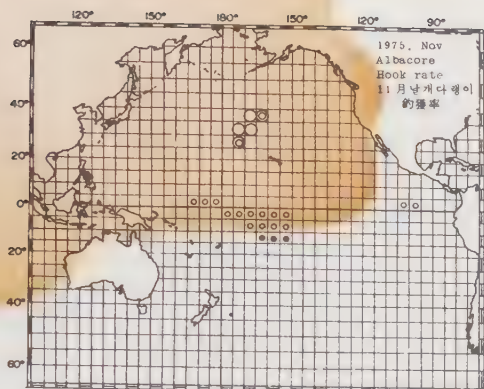
Hook rate and fishing effort.

for

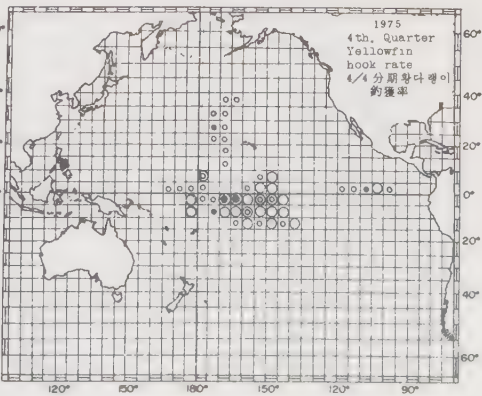
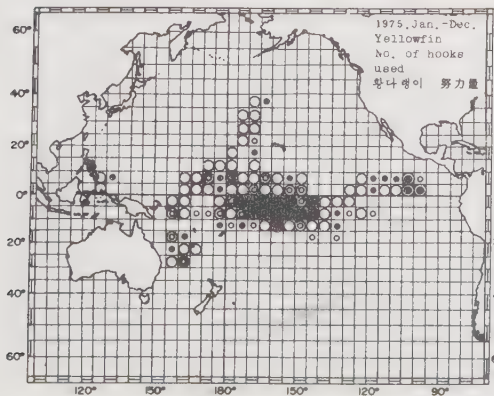
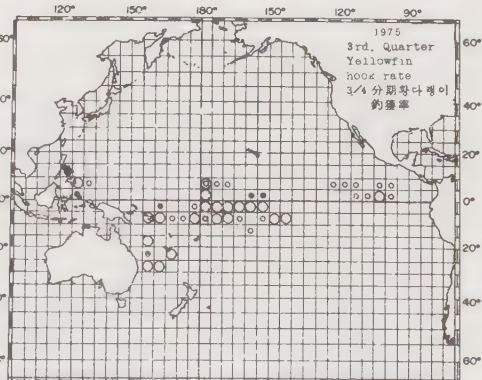
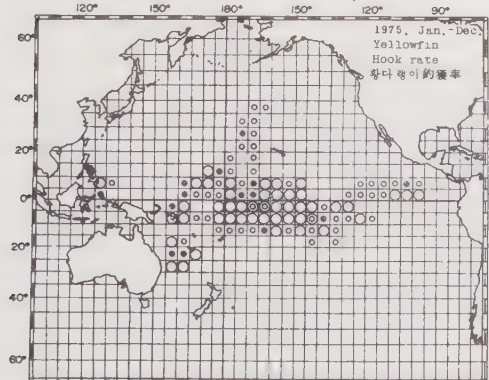
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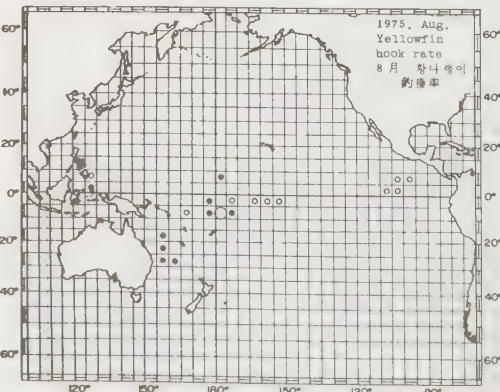
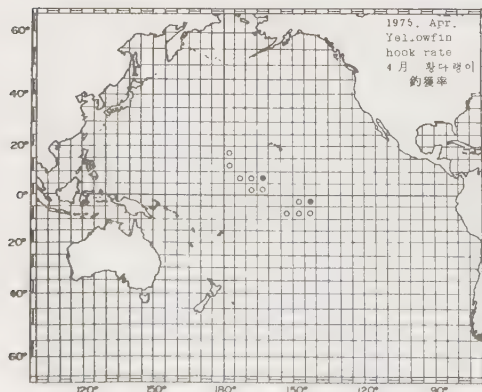
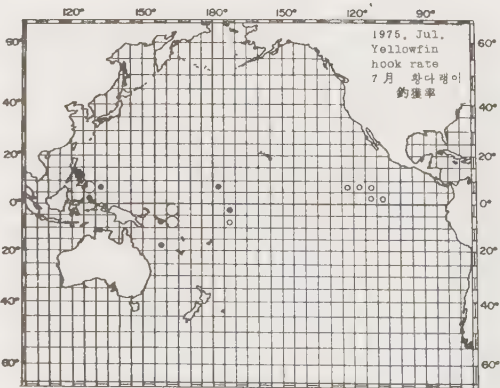
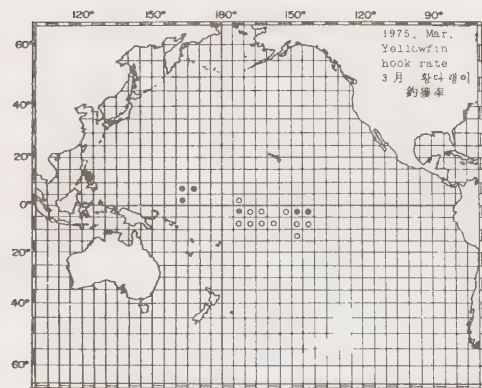
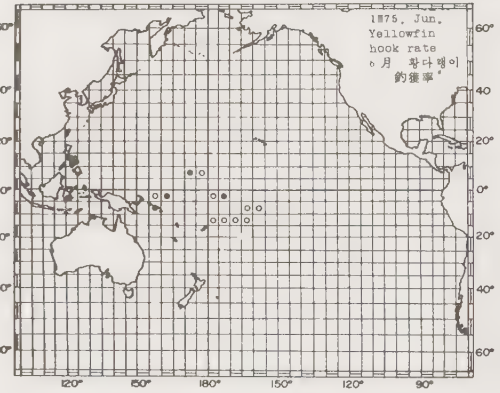
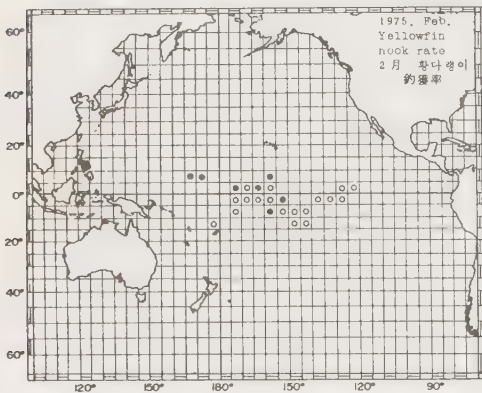
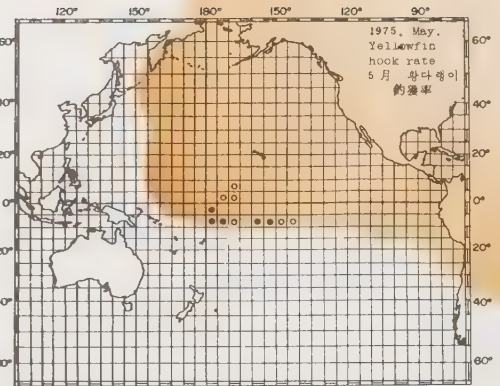
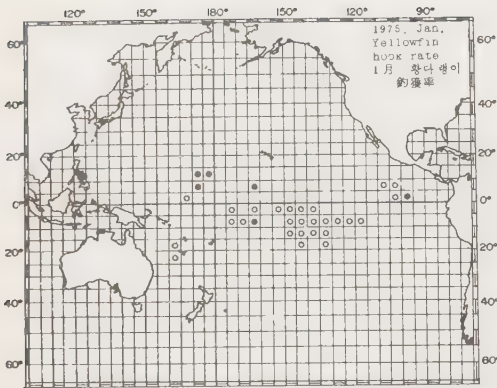




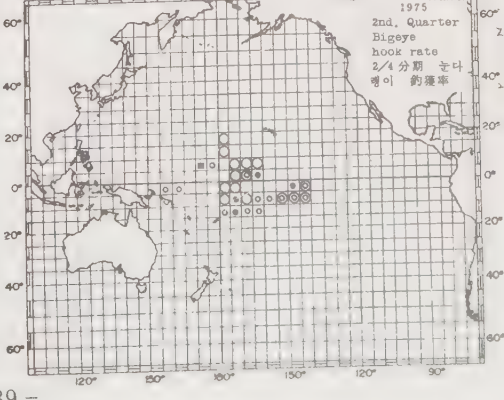
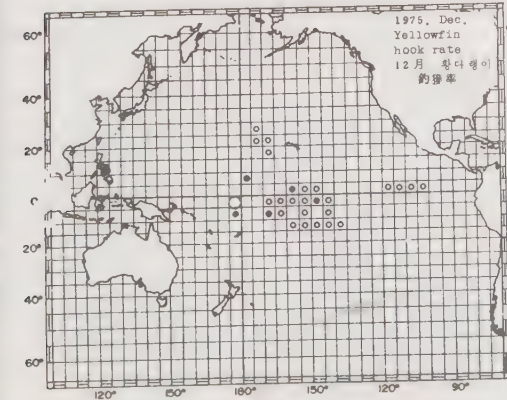
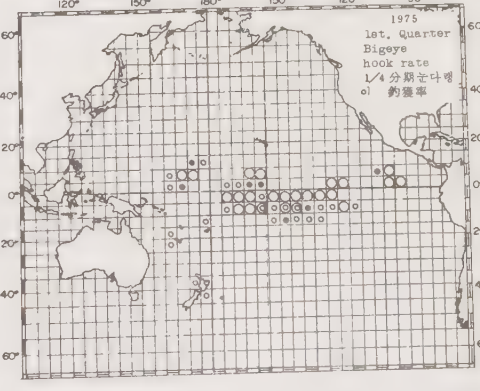
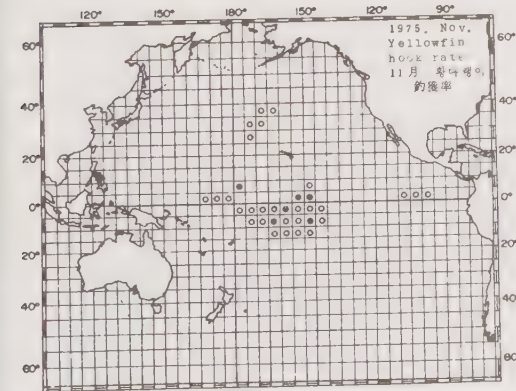
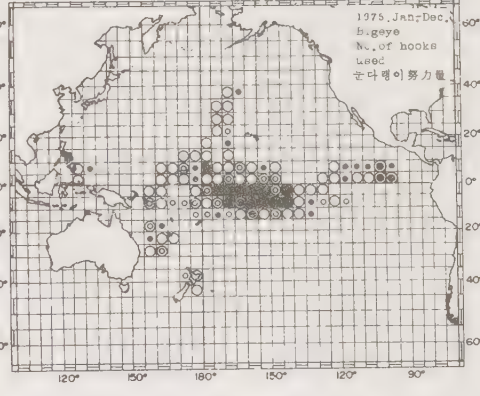
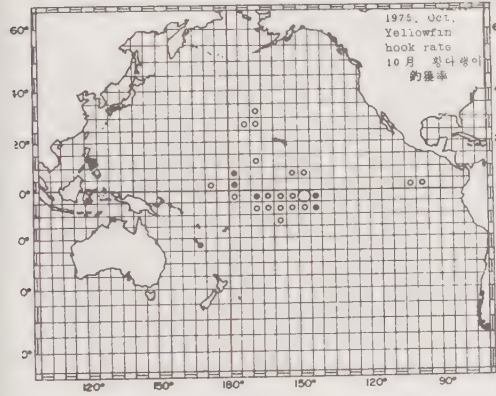
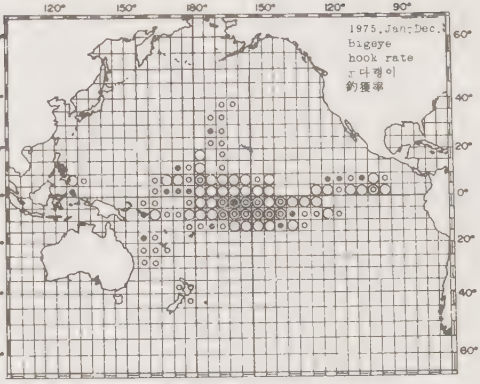
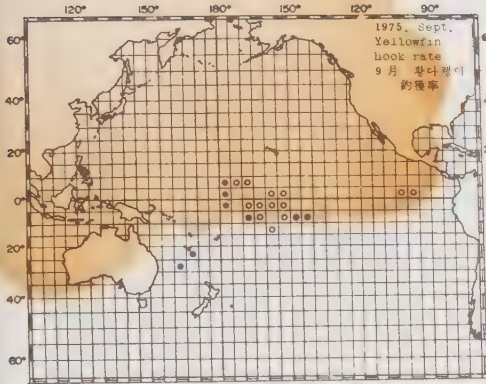


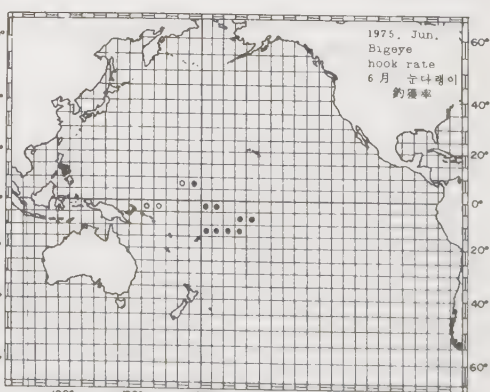
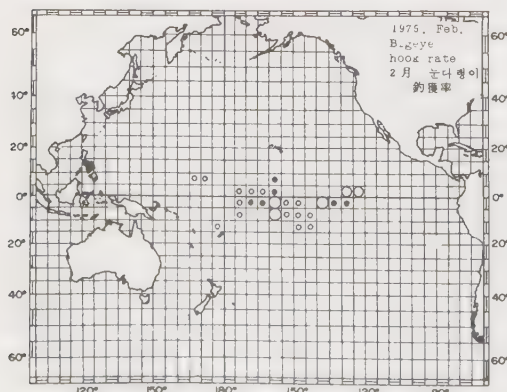
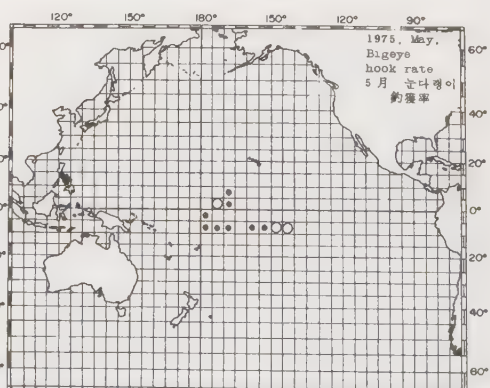
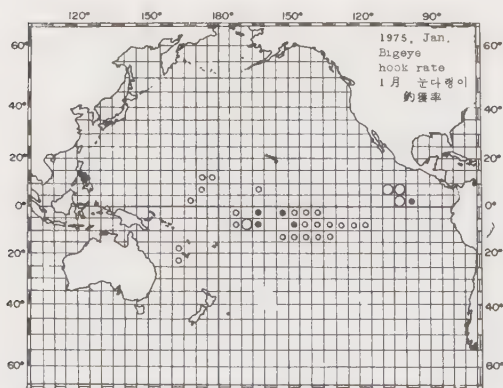
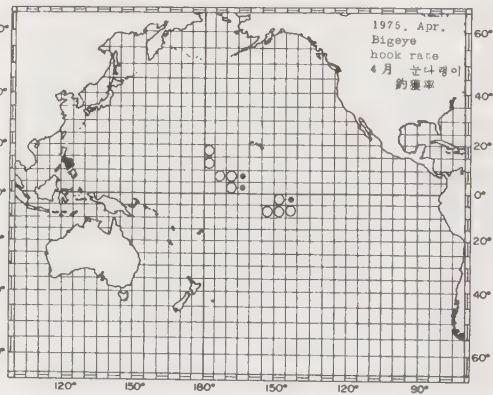
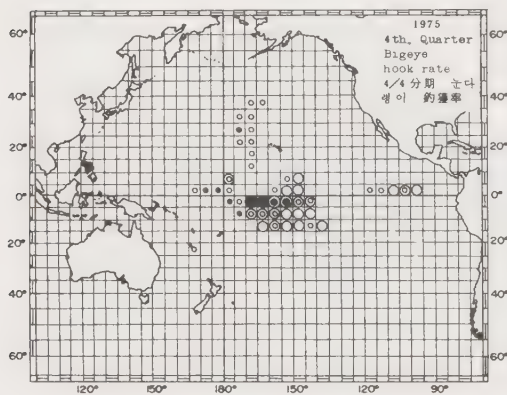
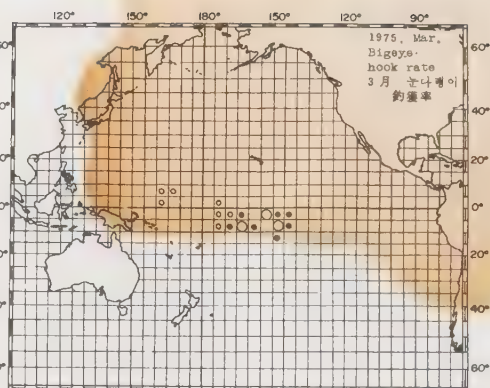
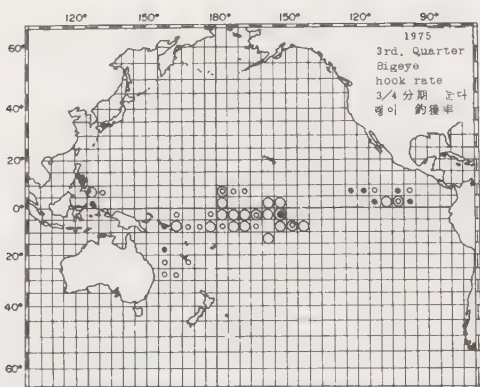
황다랭이 (Yellowfin tuna)

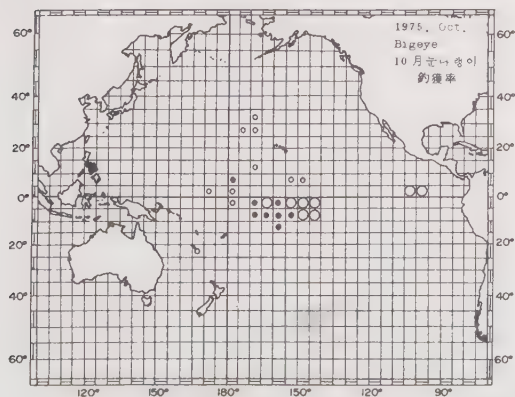
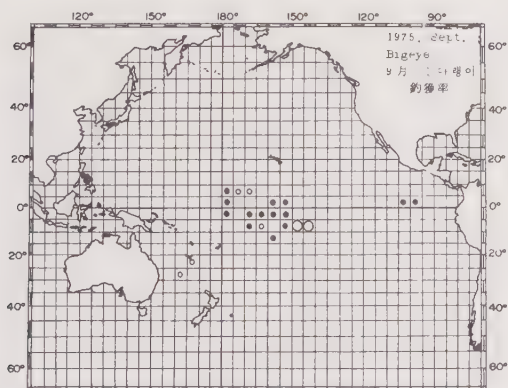
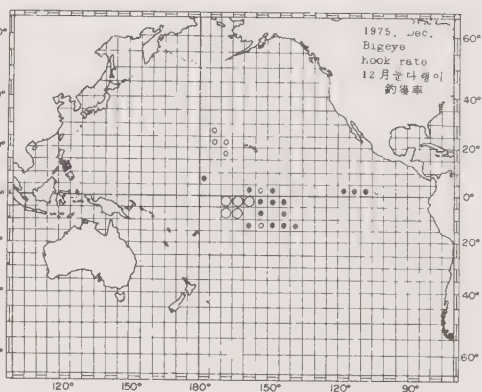
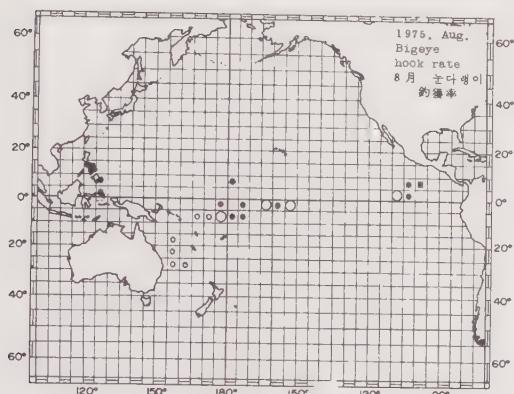
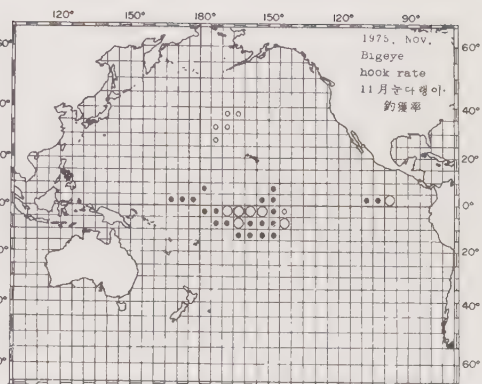
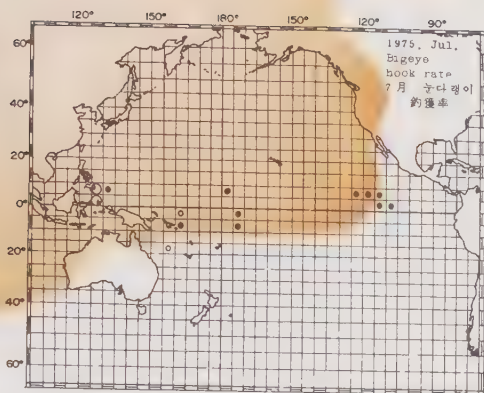




눈다랭이 (Bigeye tuna)









1976

全 魚 種

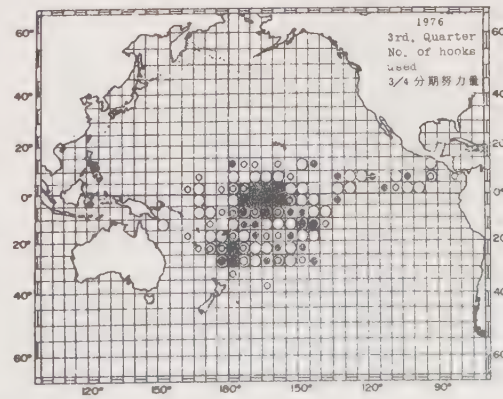
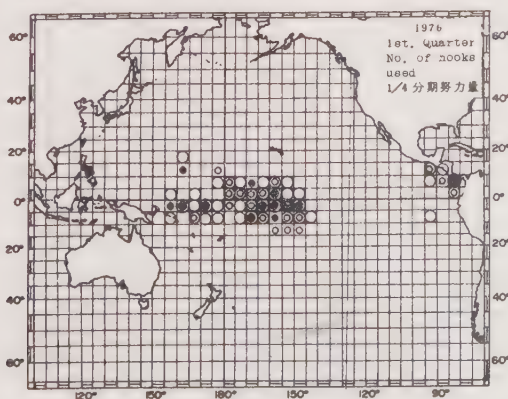
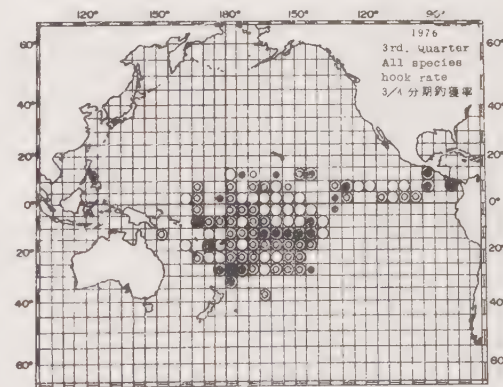
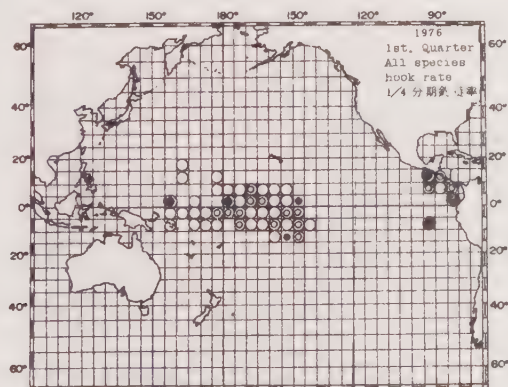
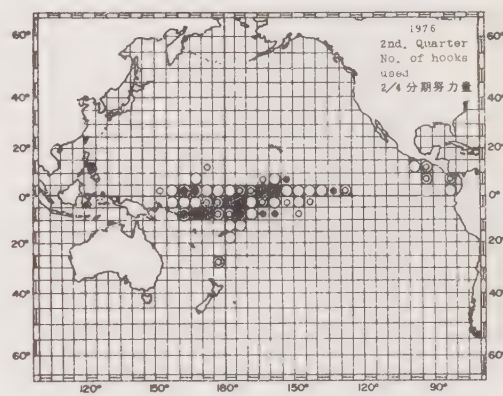
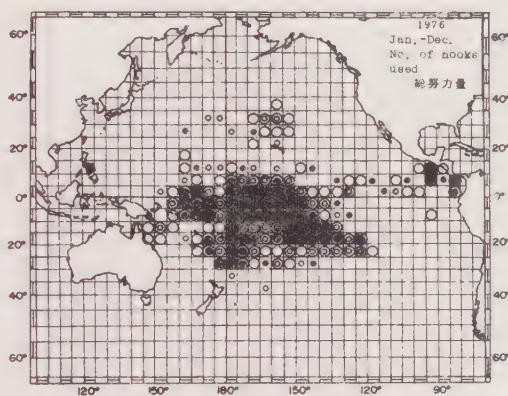
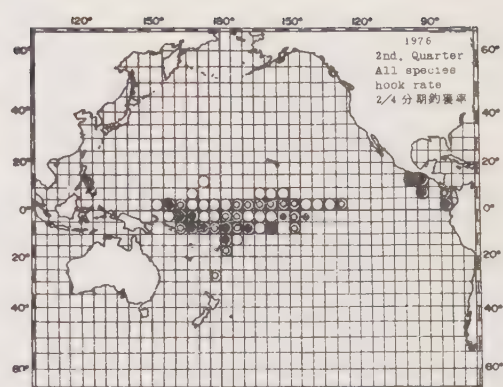
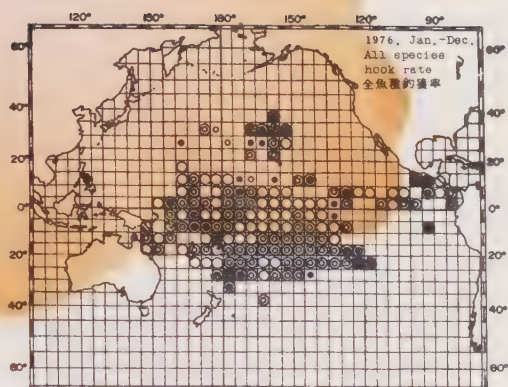
年別・分期別・月別・釣獲率 及 漁獲努力分布図

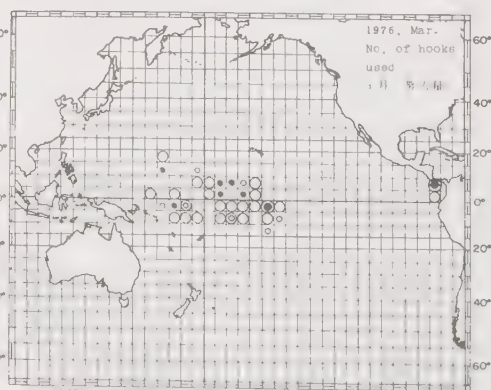
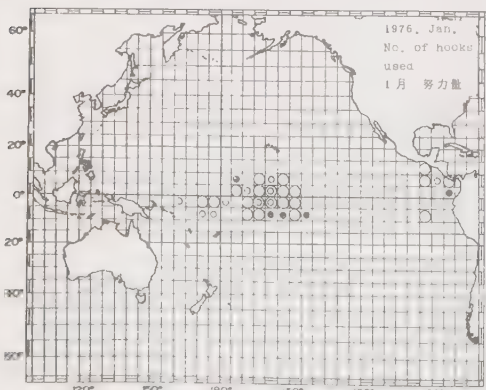
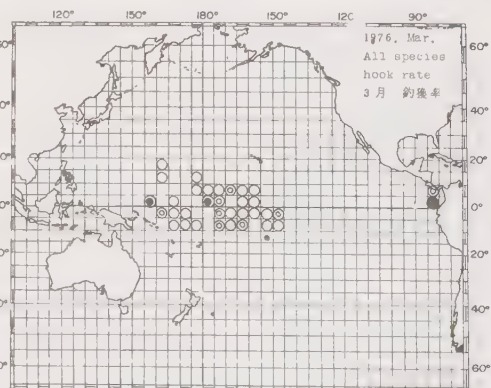
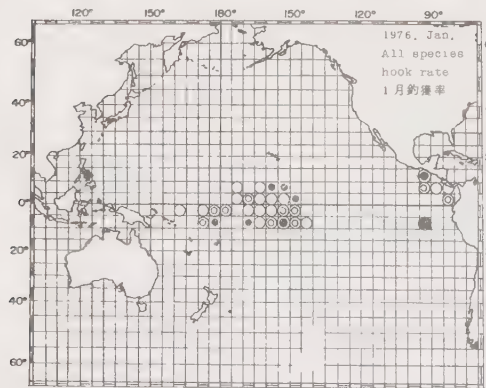
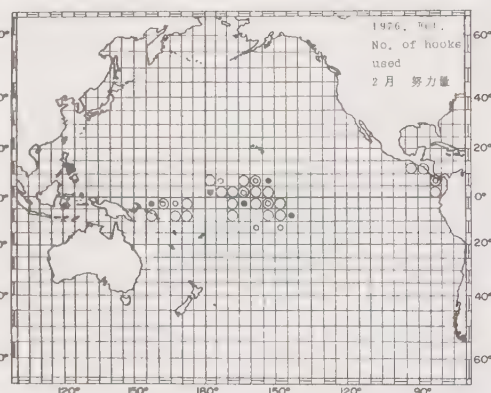
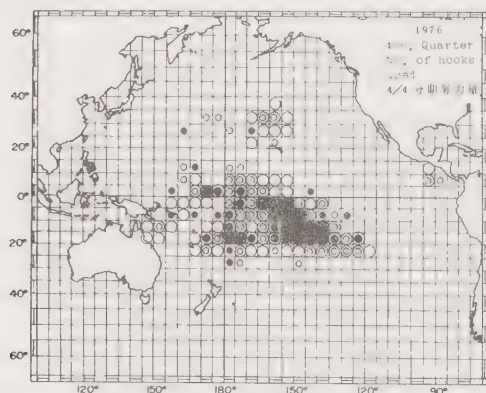
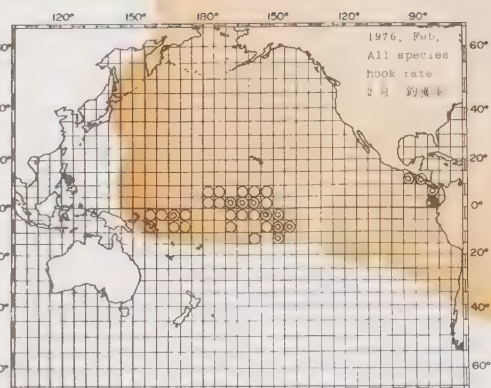
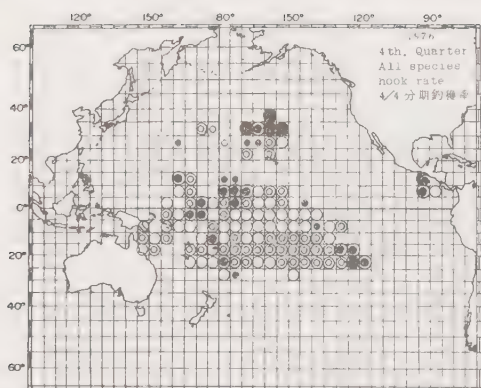
All Species

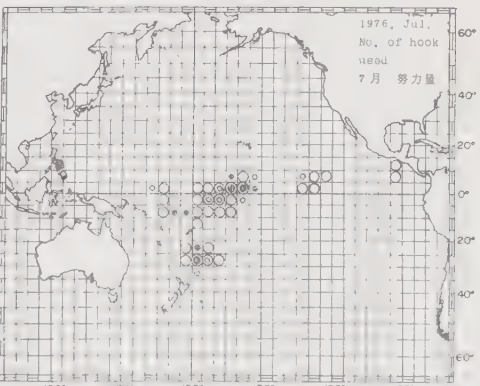
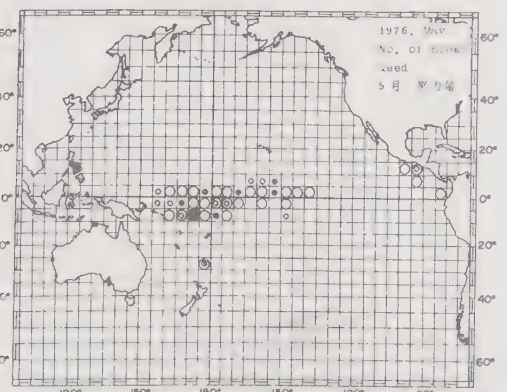
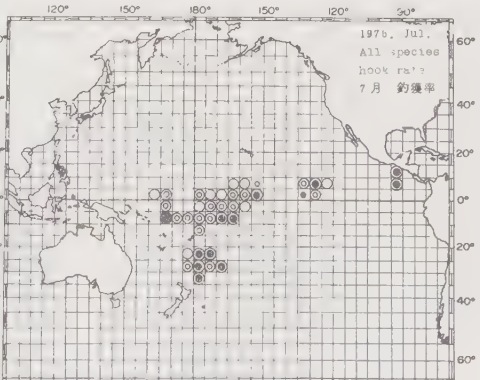
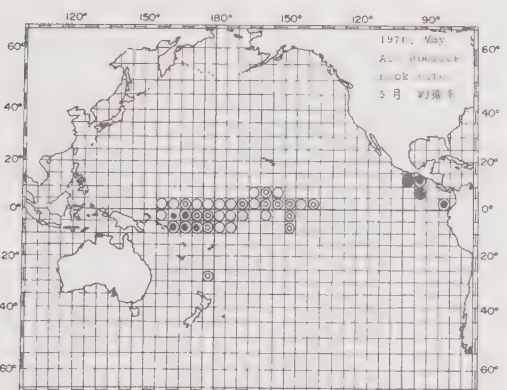
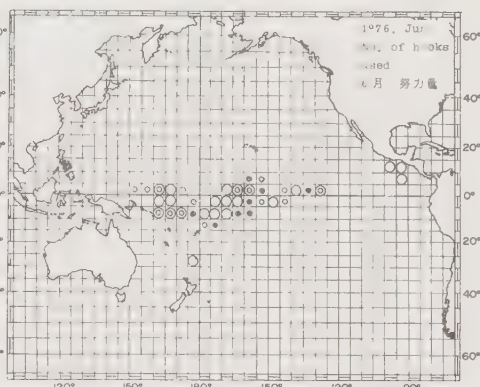
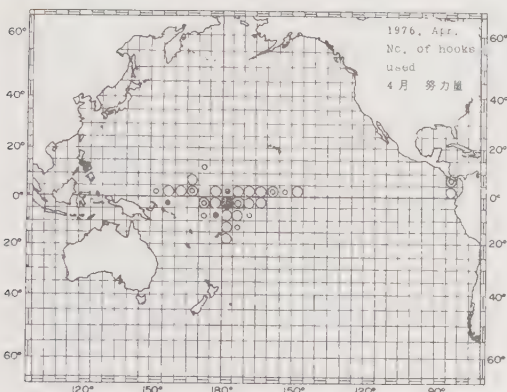
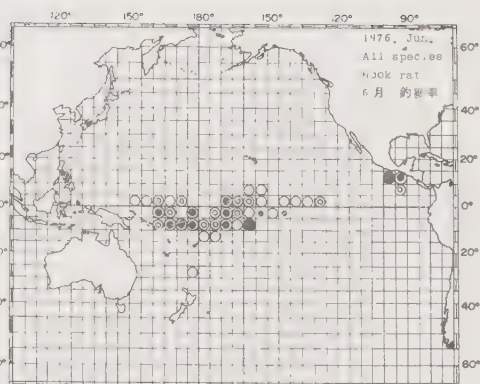
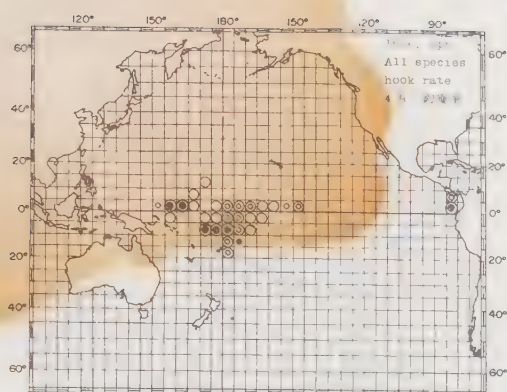
Hook rate and fishing effort by Month,
by quarter and by year

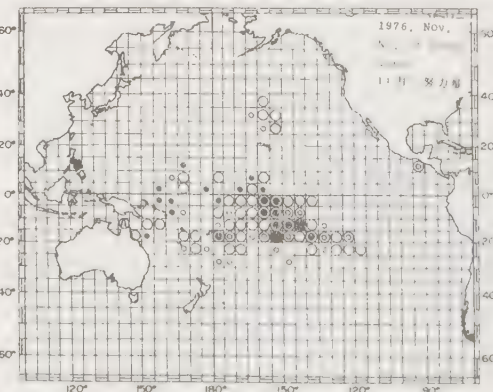
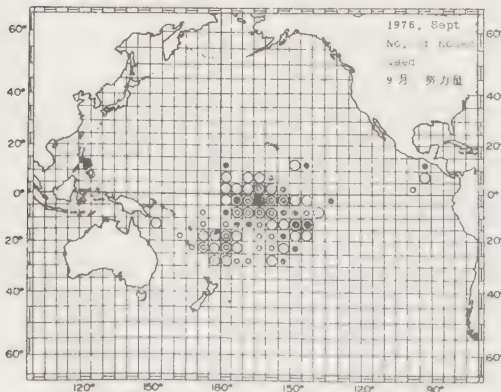
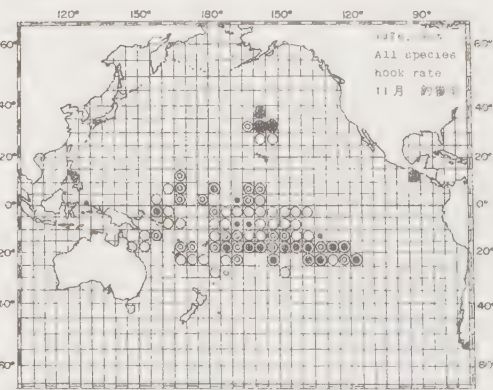
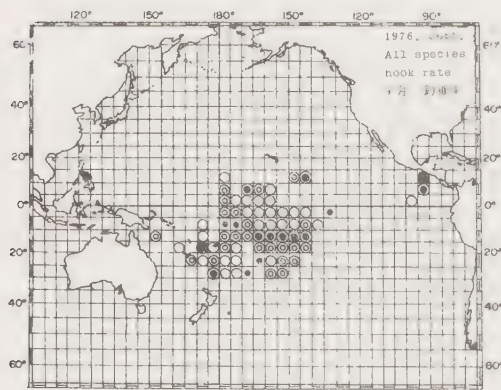
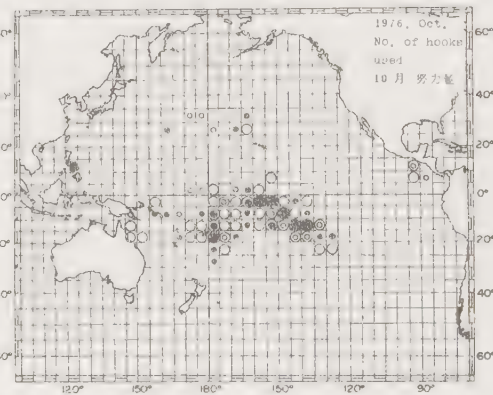
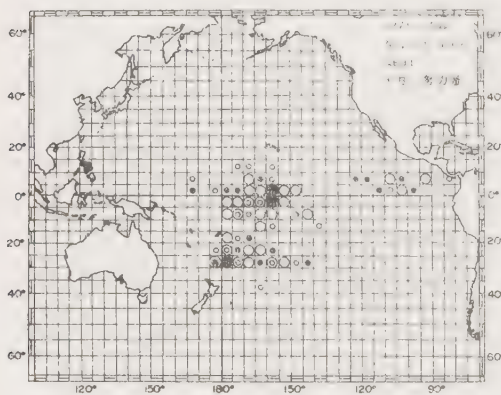
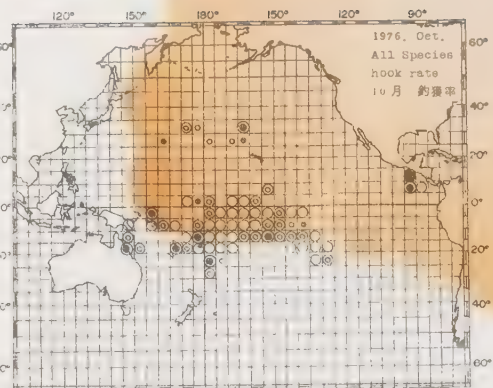
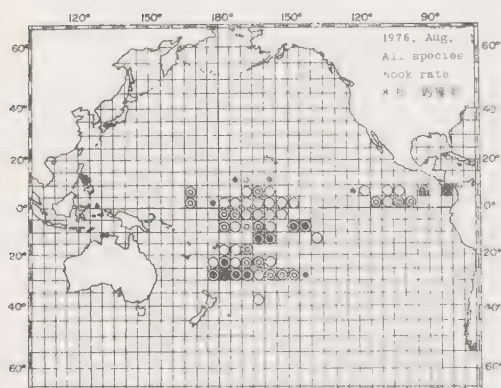
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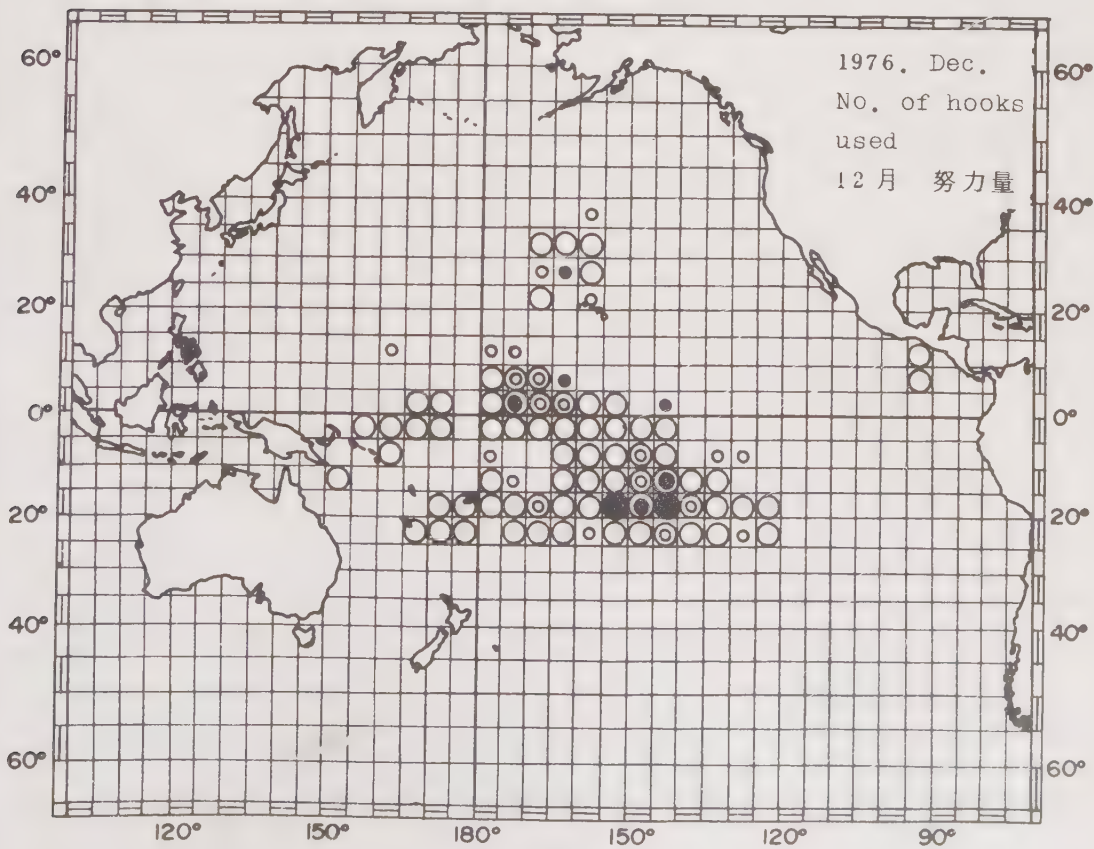
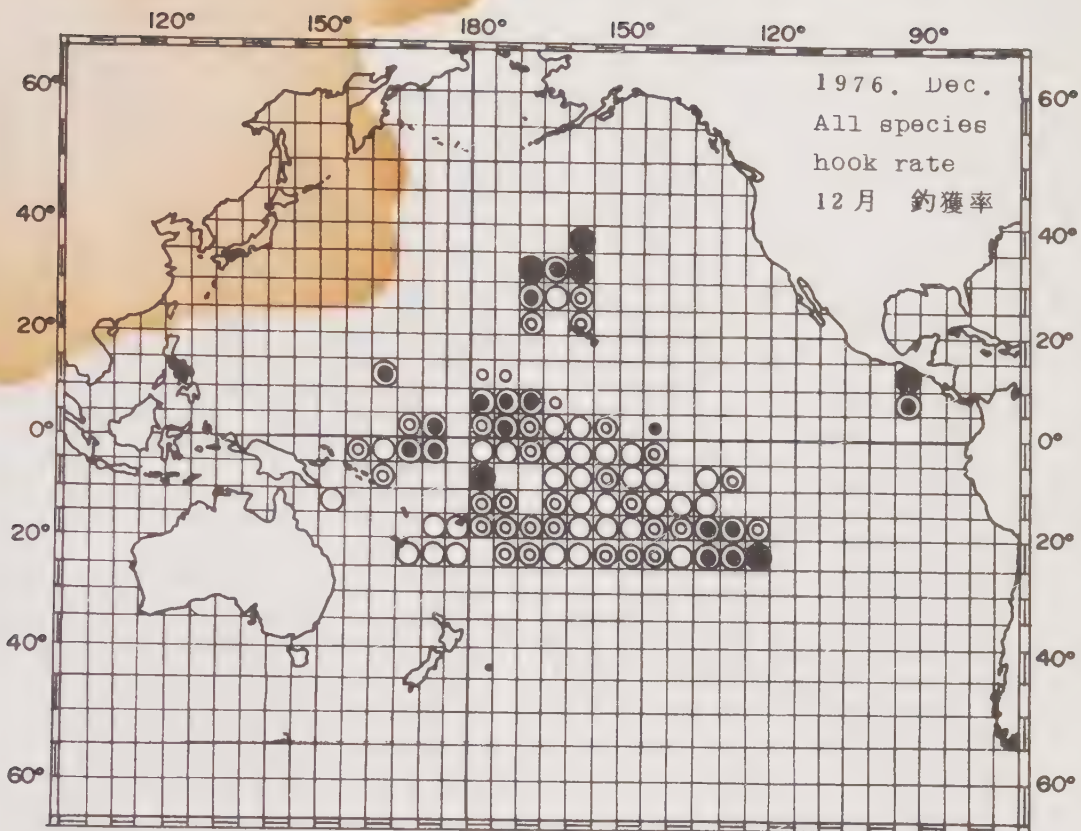
1976











1976

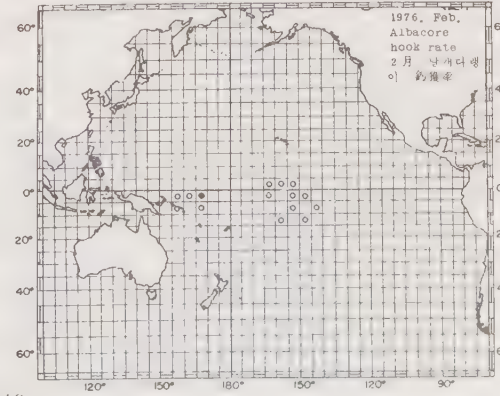
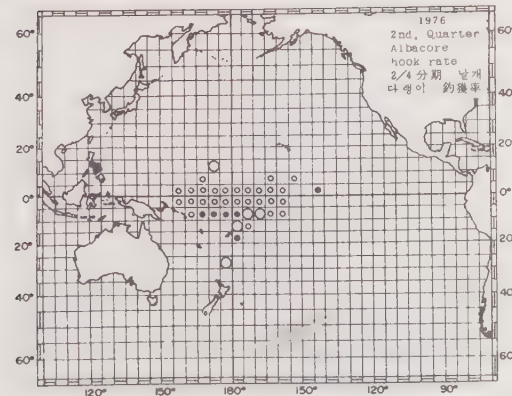
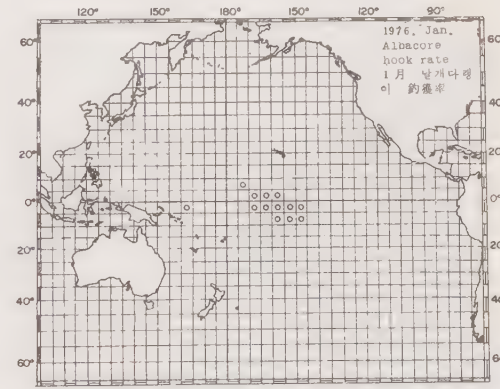
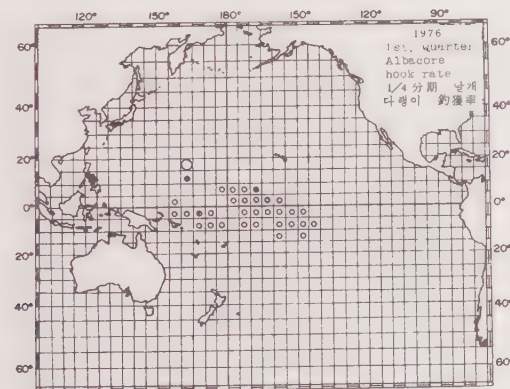
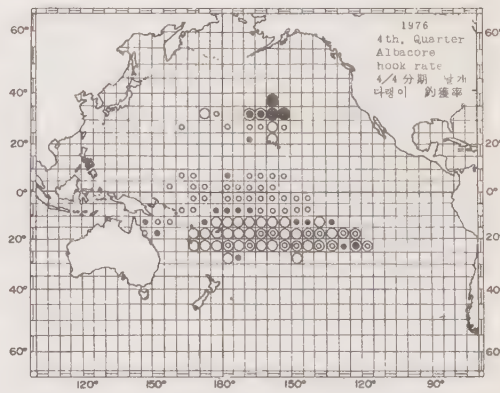
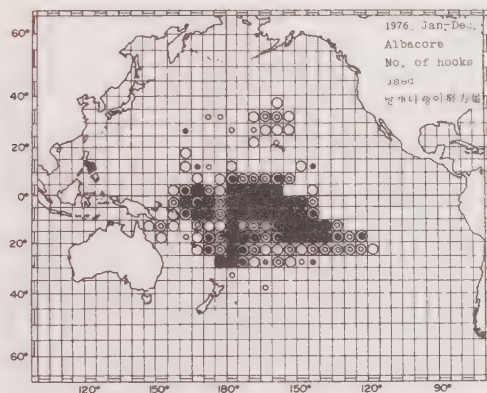
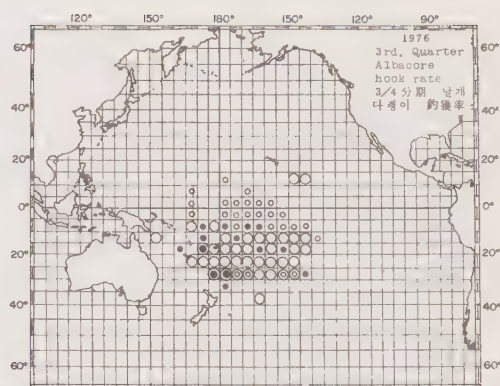
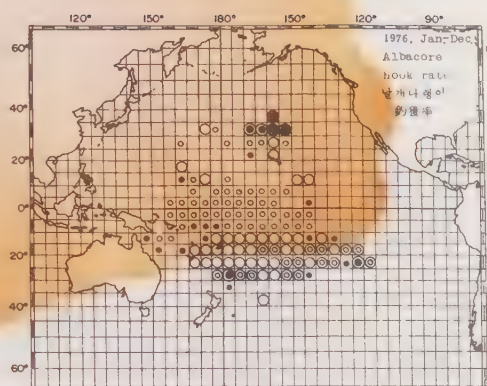
날개다랭이, 황다랭이, 눈다랭이
釣獲率 및 漁獲努力 分布圖

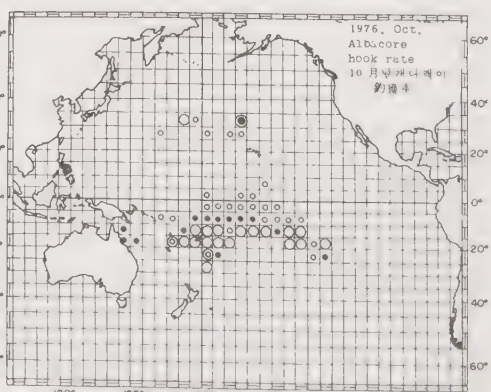
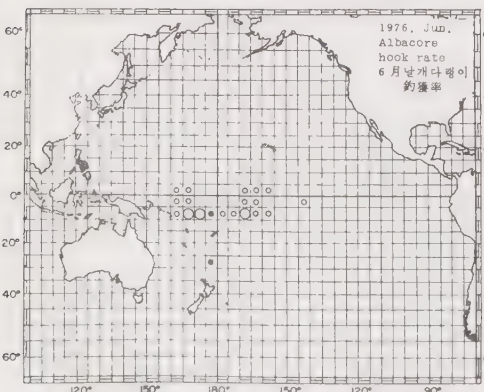
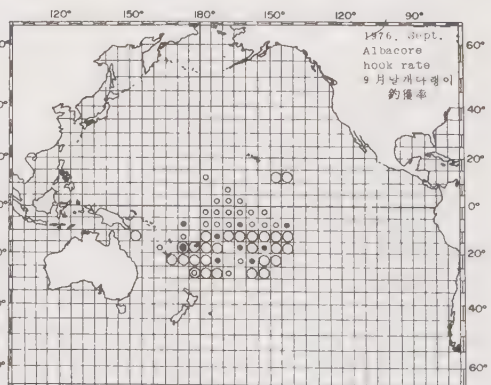
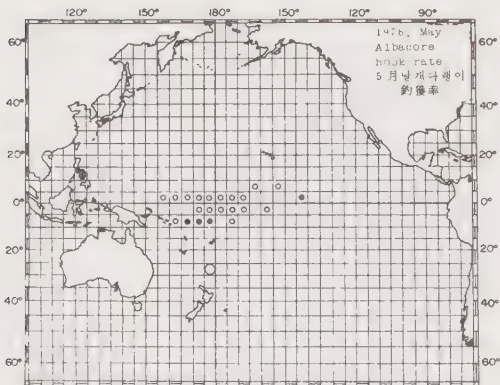
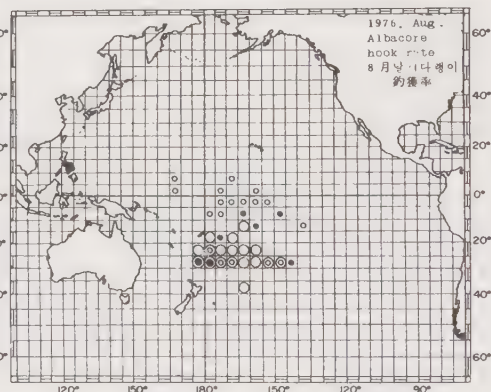
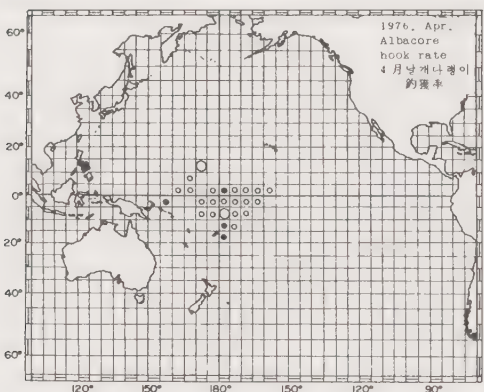
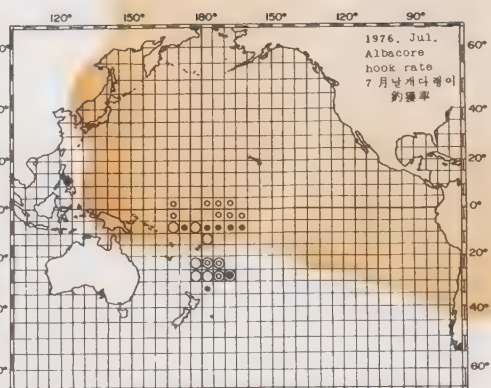
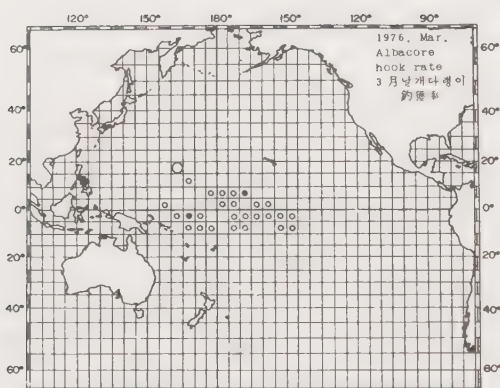
Albacore, Yellowfin, Bigeye

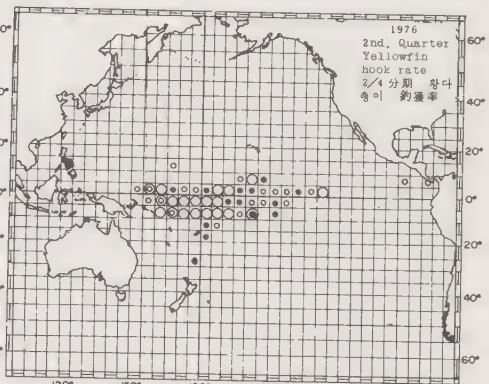
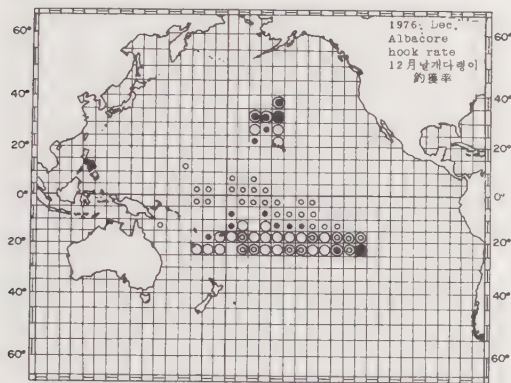
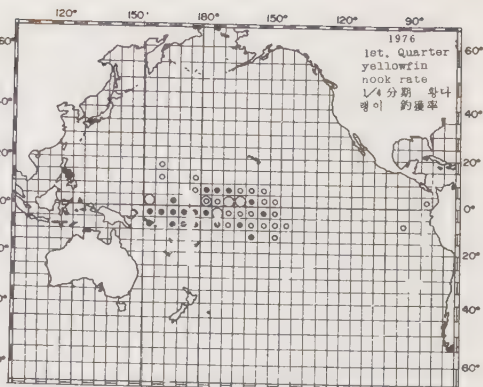
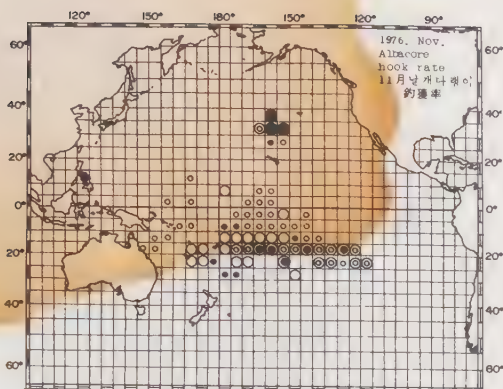
Hook rate and fishing effort

for

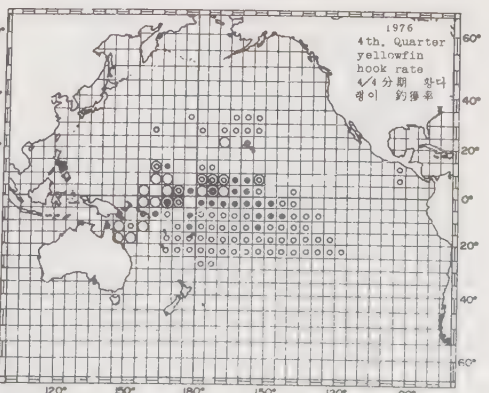
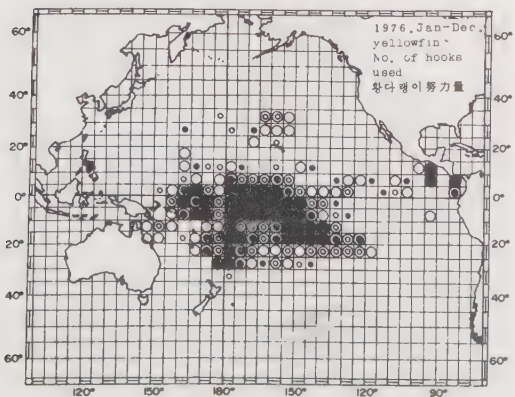
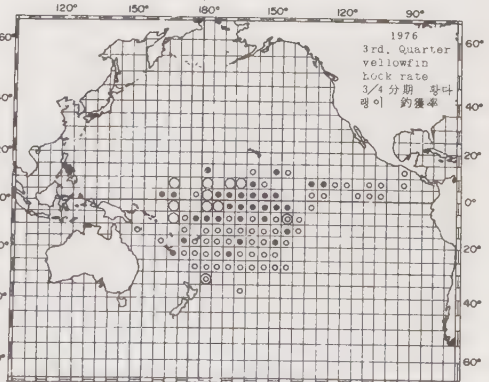
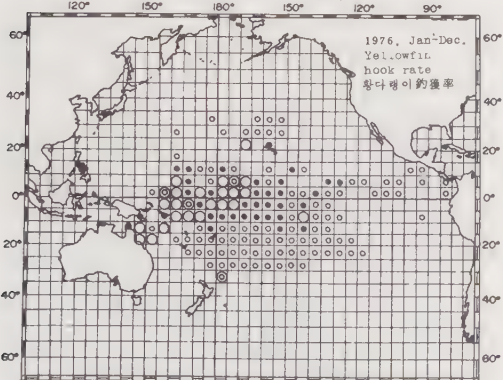
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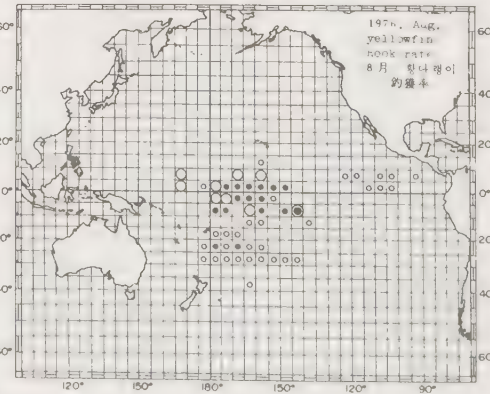
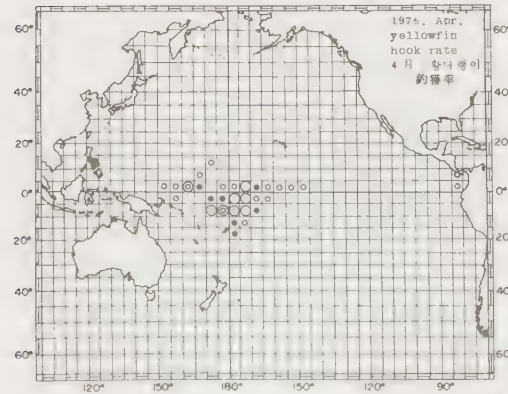
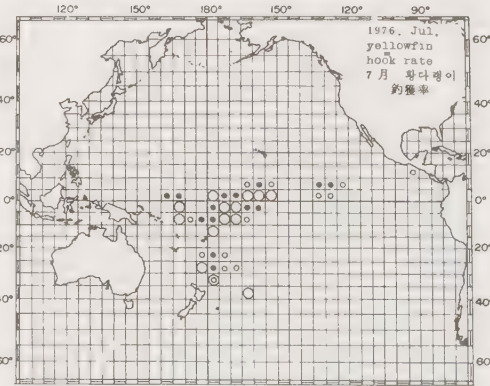
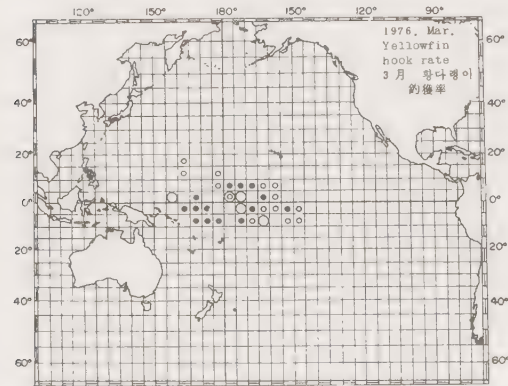
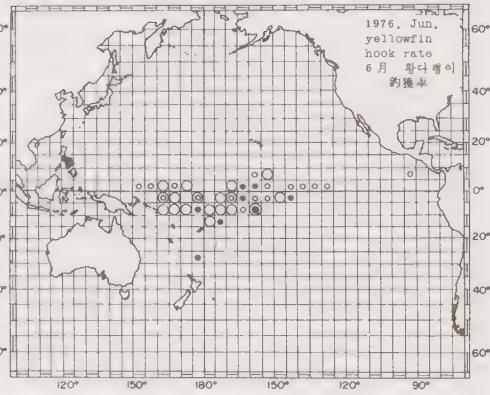
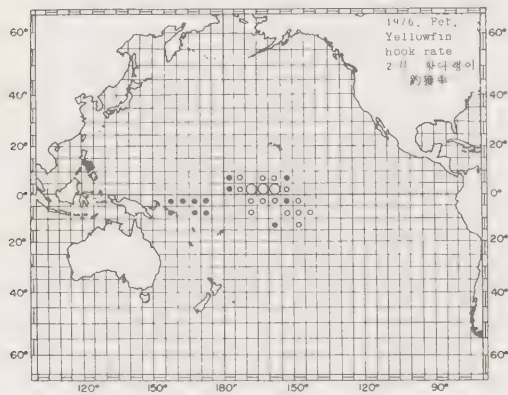
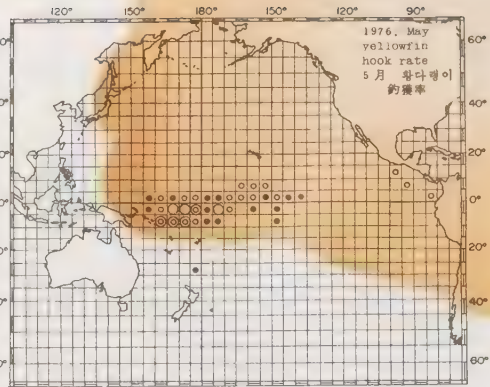
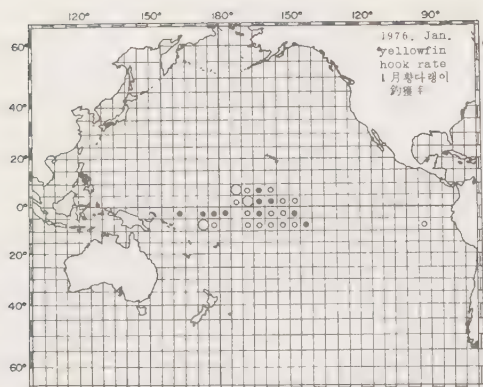




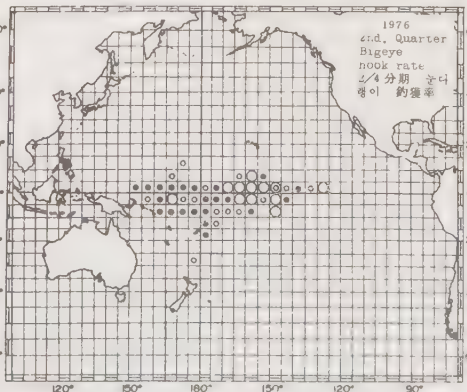
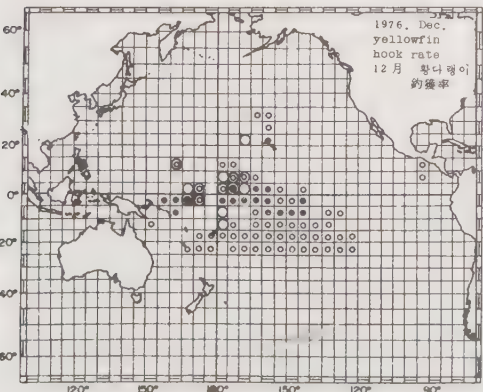
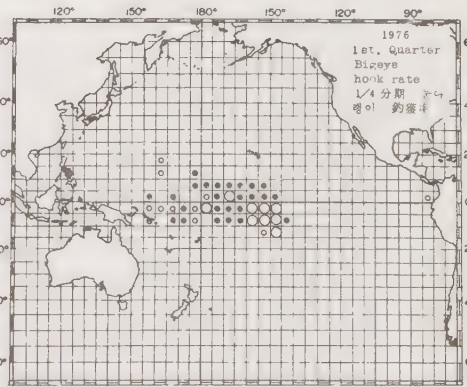
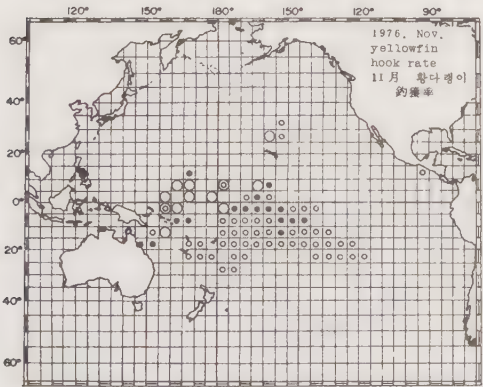
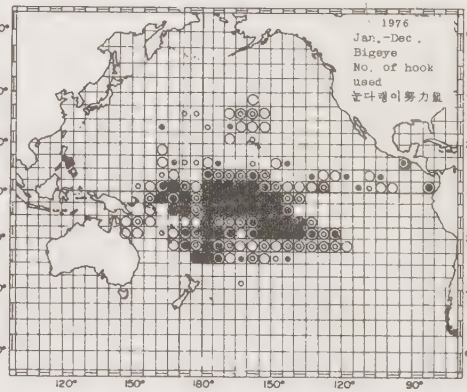
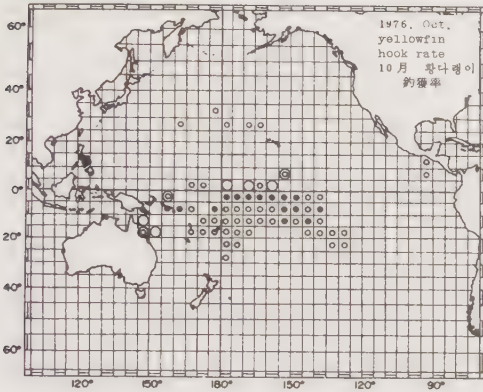
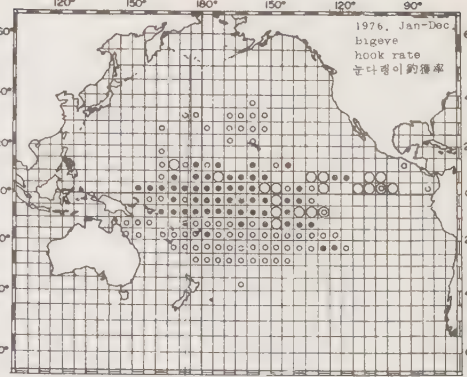
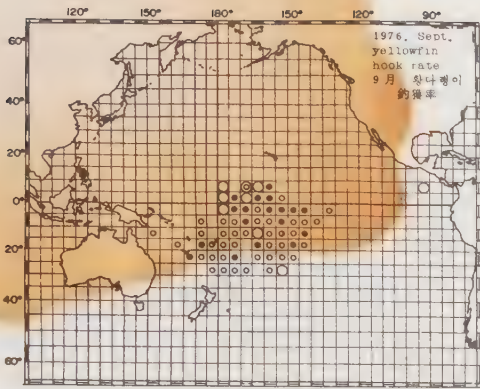


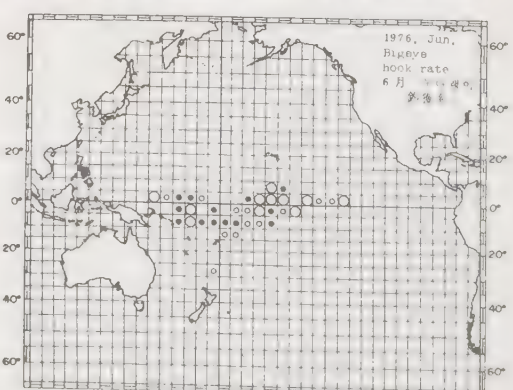
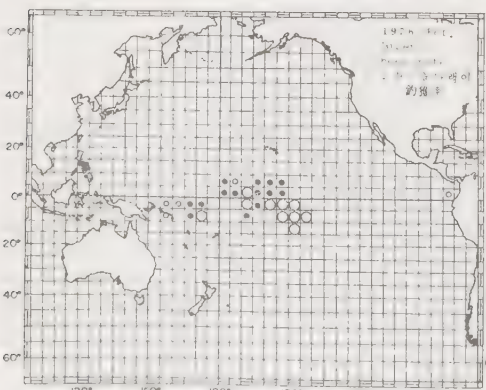
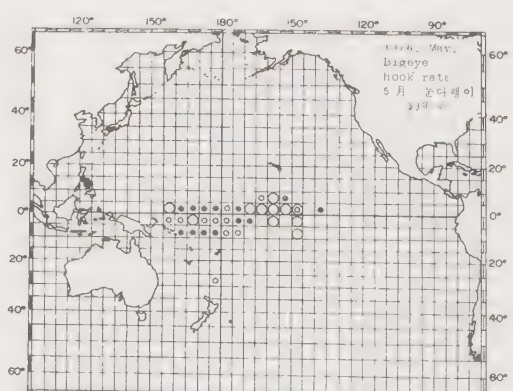
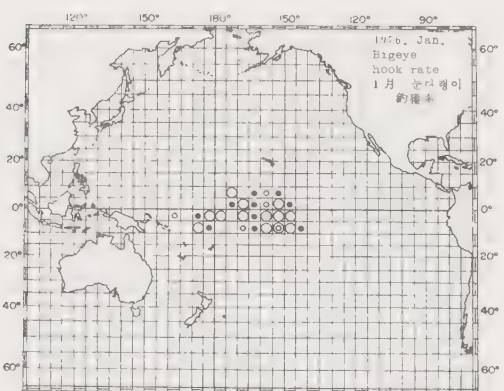
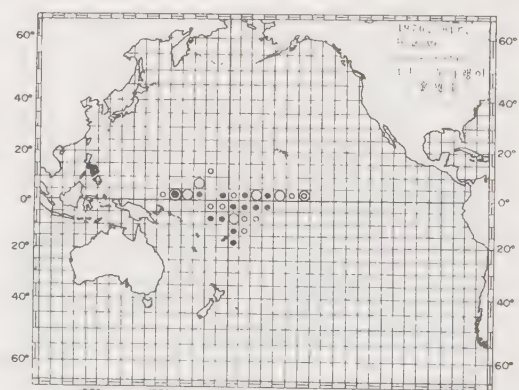
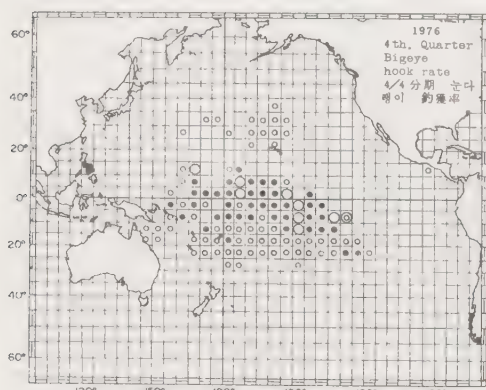
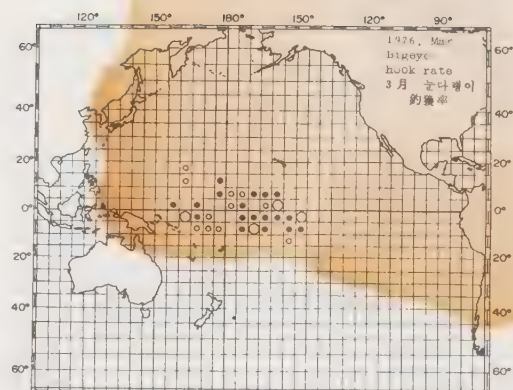
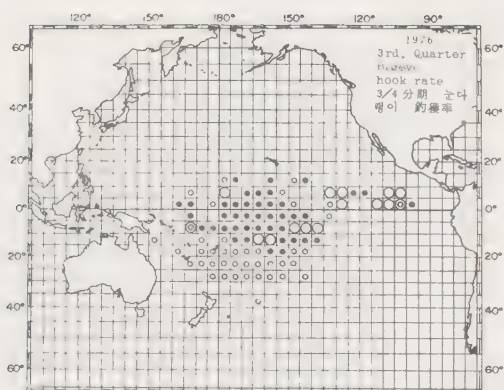
황다랭이 (Yellowfin tuna)

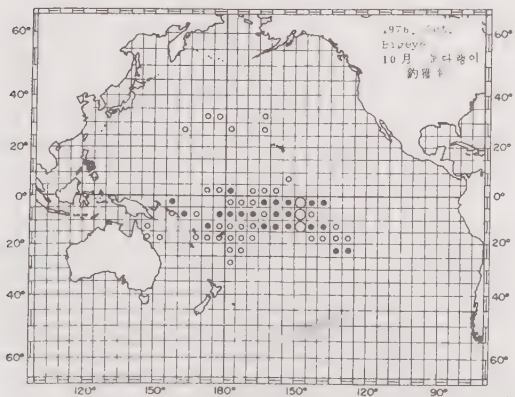
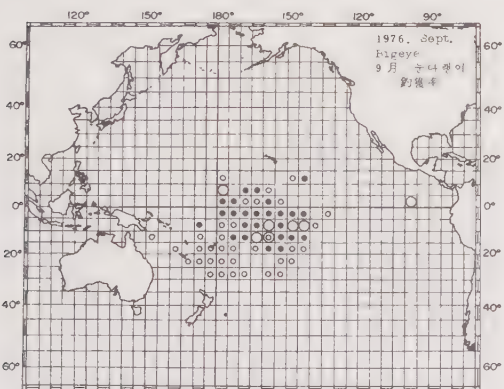
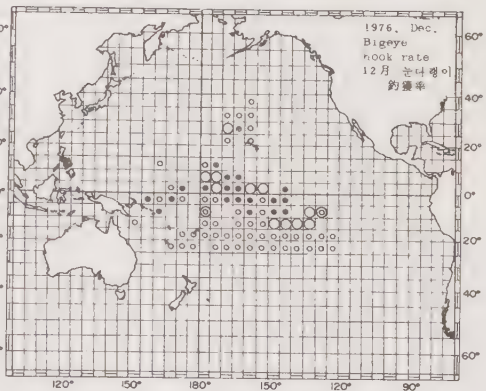
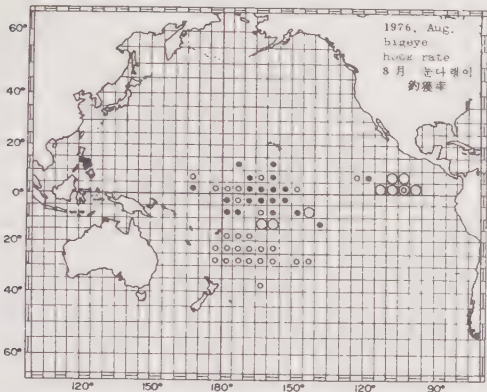
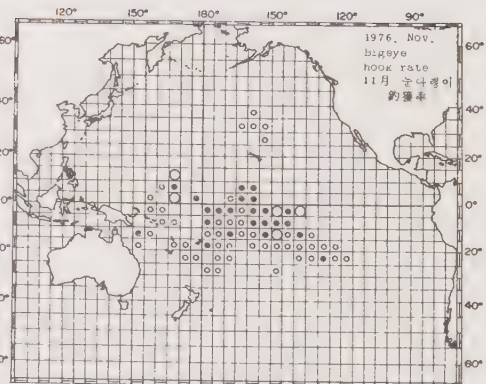
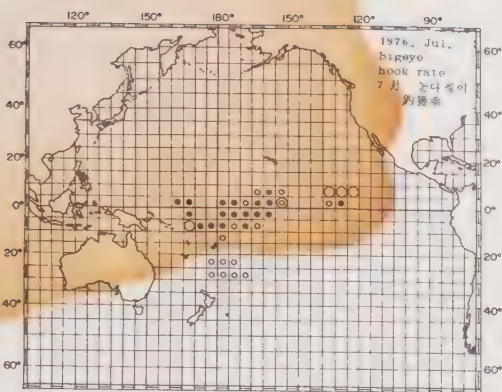




눈다랭이 (Bigeye tuna)









1977

全 魚 種

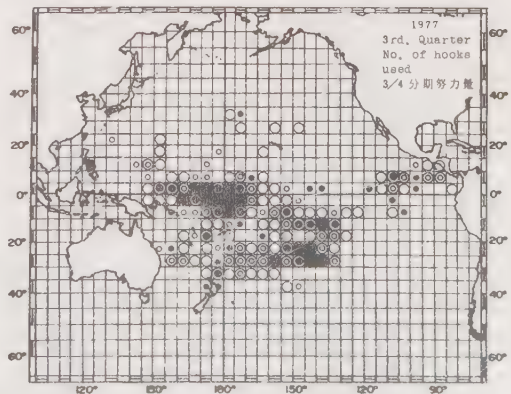
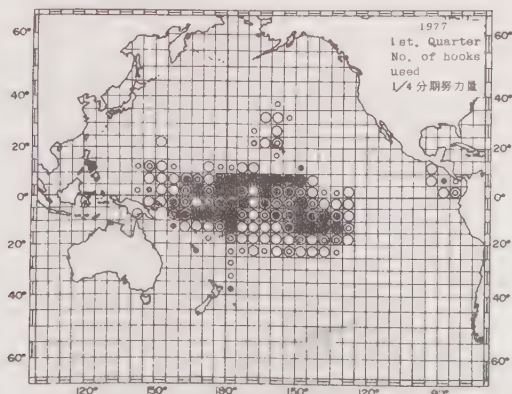
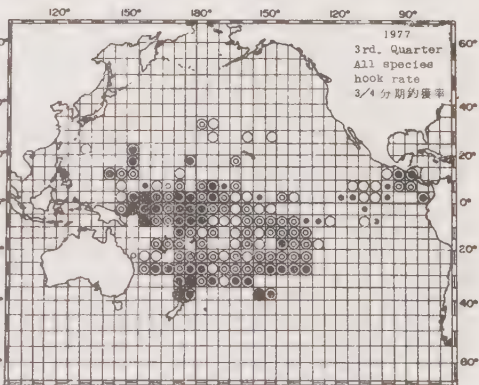
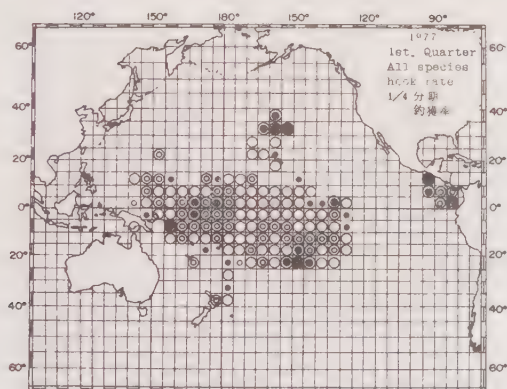
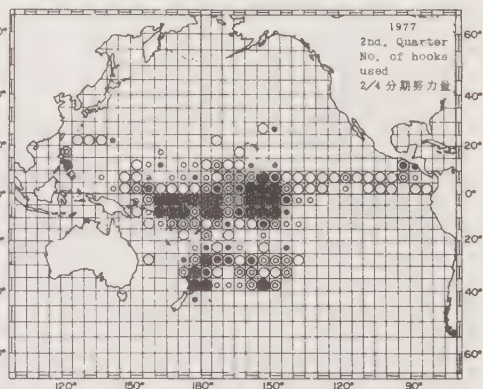
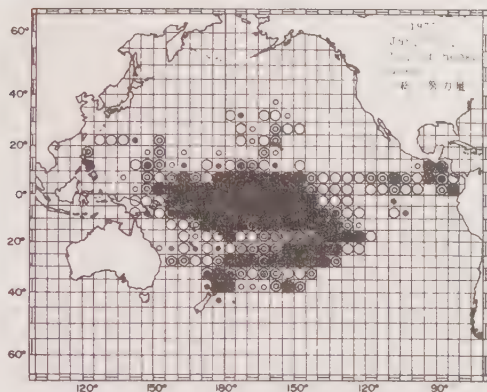
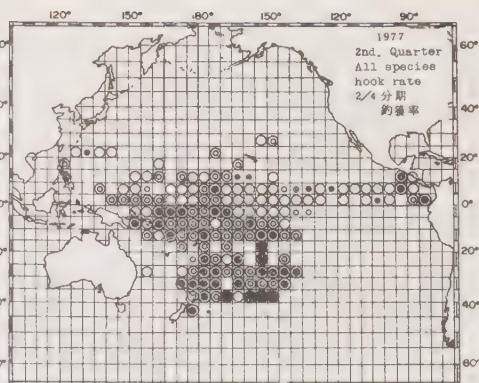
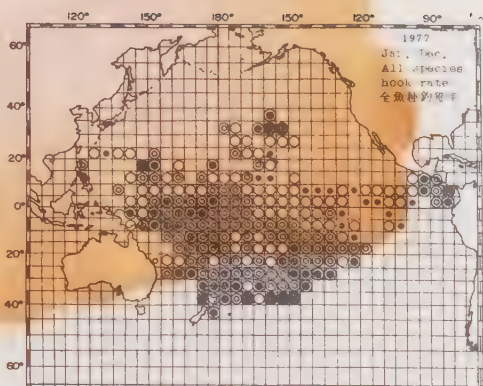
年別・分期別・月別・釣獲率 및 漁獲努力分布圖

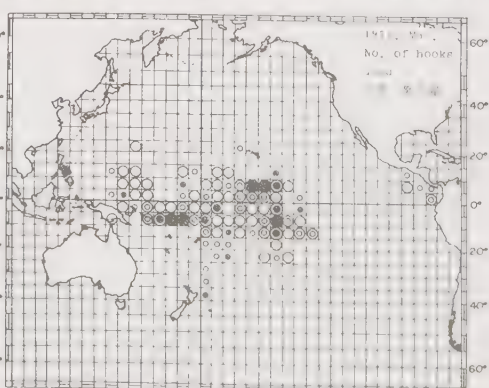
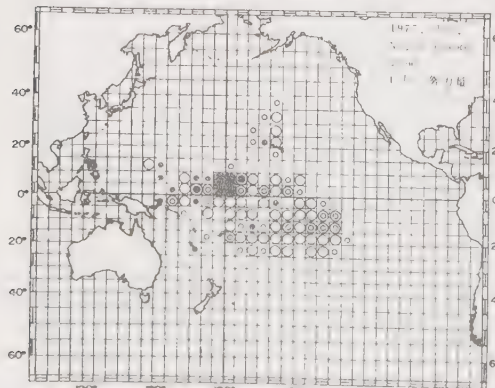
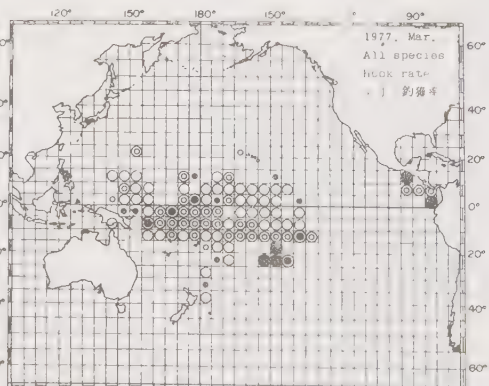
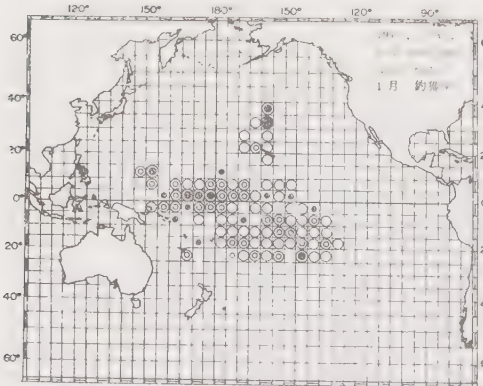
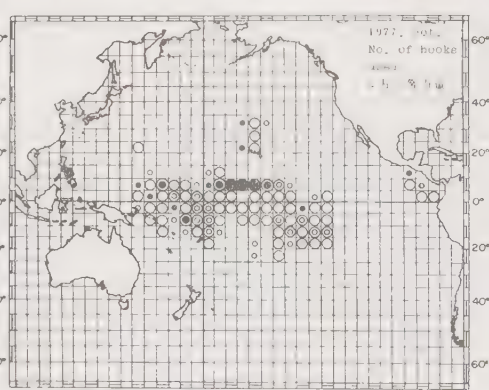
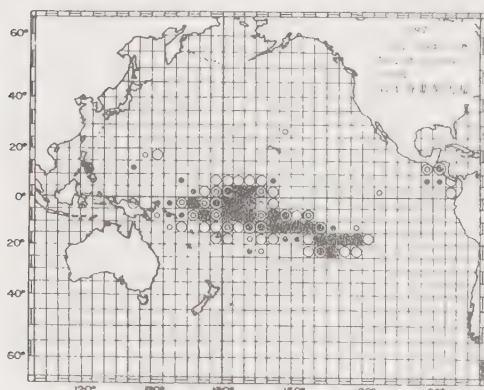
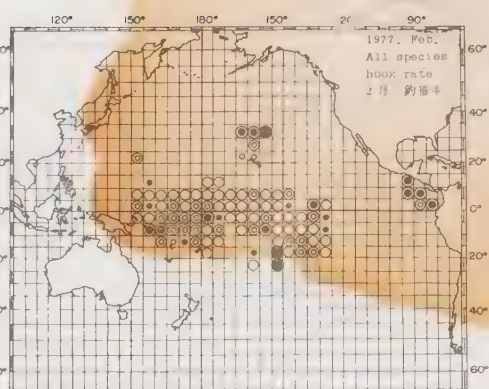
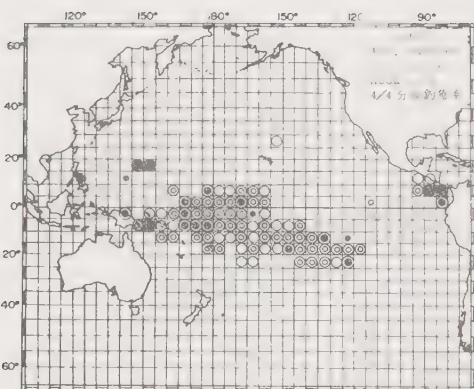
All Species

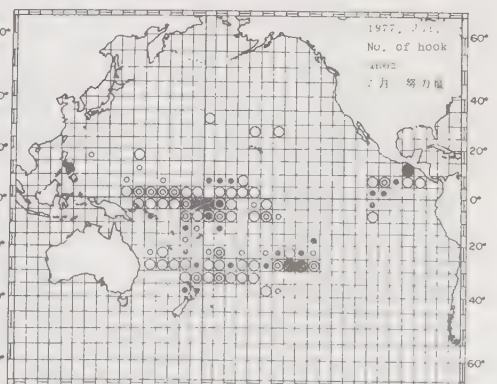
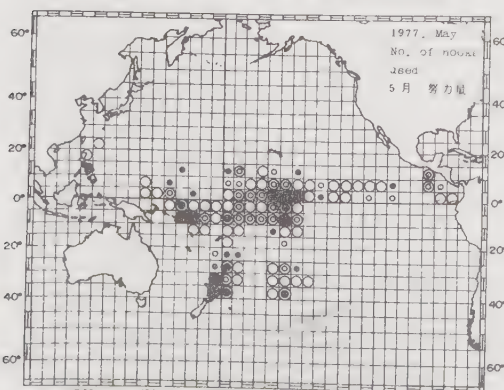
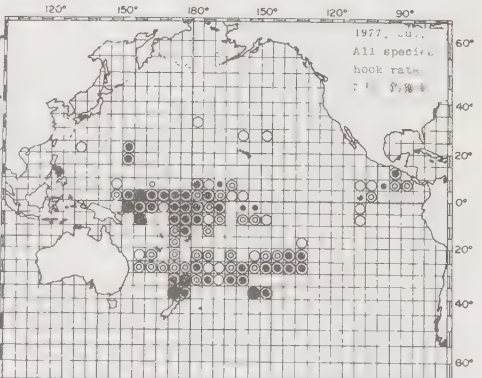
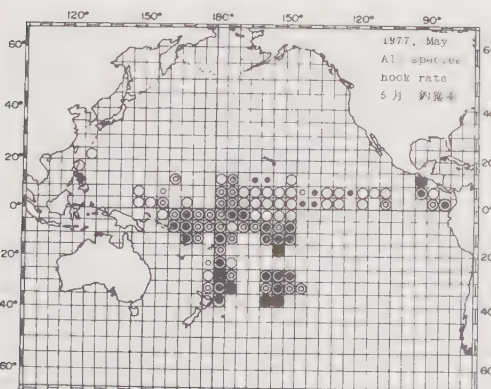
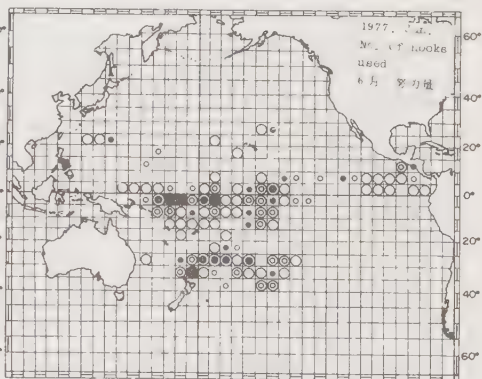
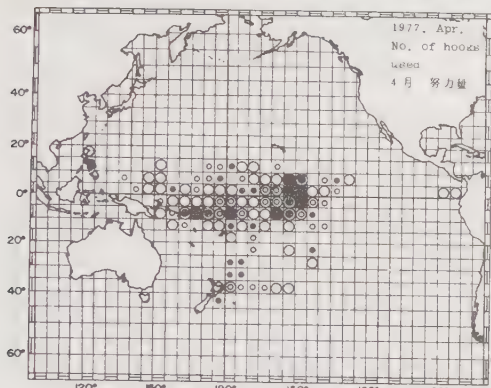
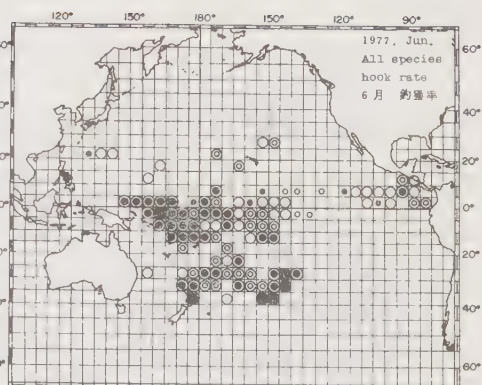
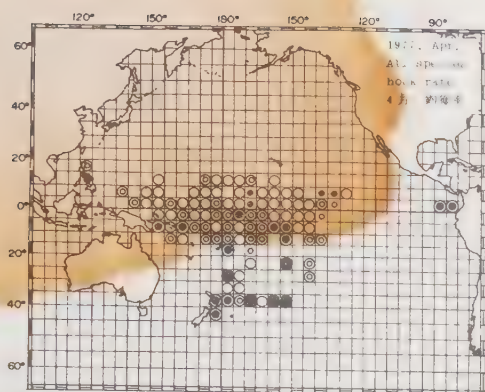
Hook rate and fishing effort by Month,
by quarter and by year

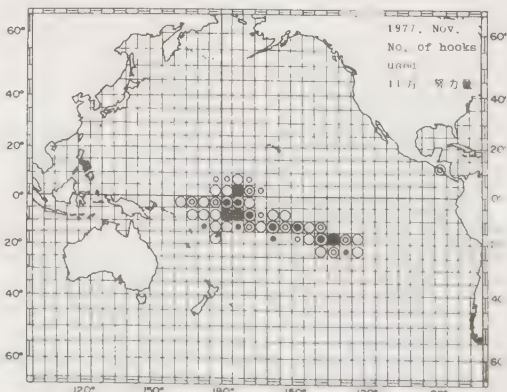
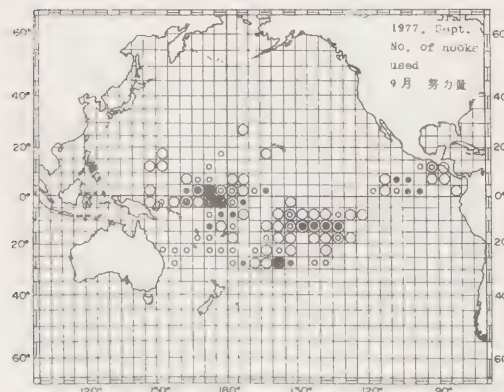
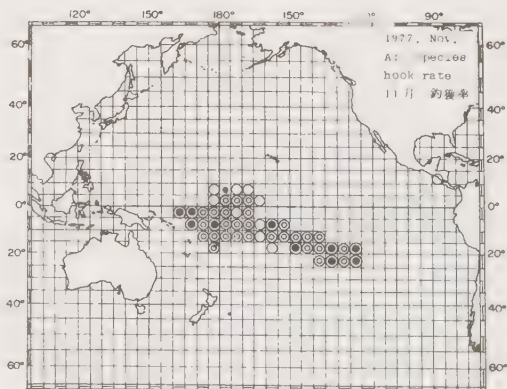
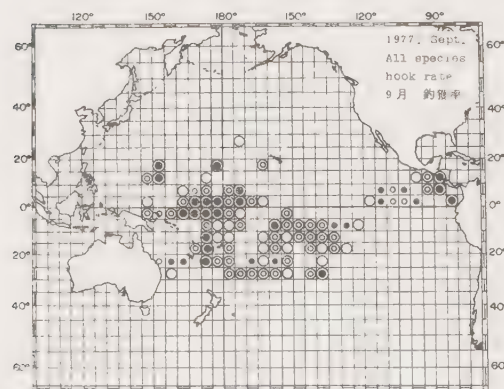
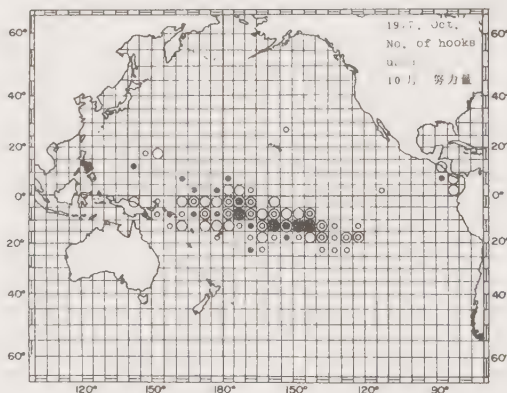
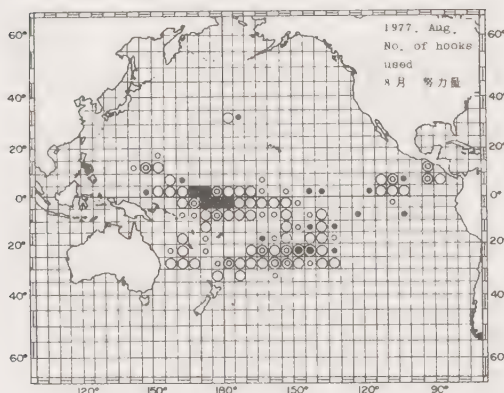
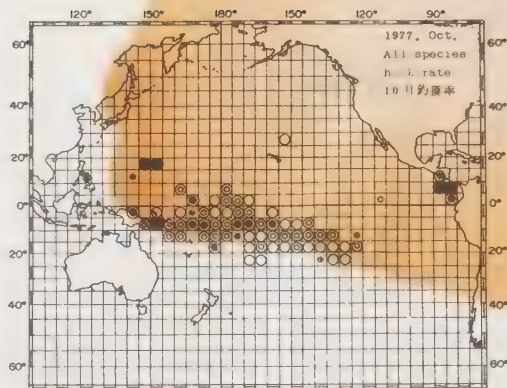
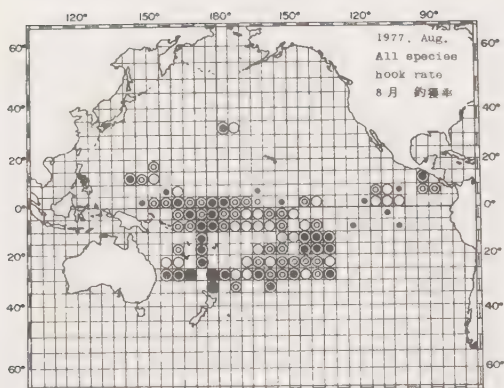
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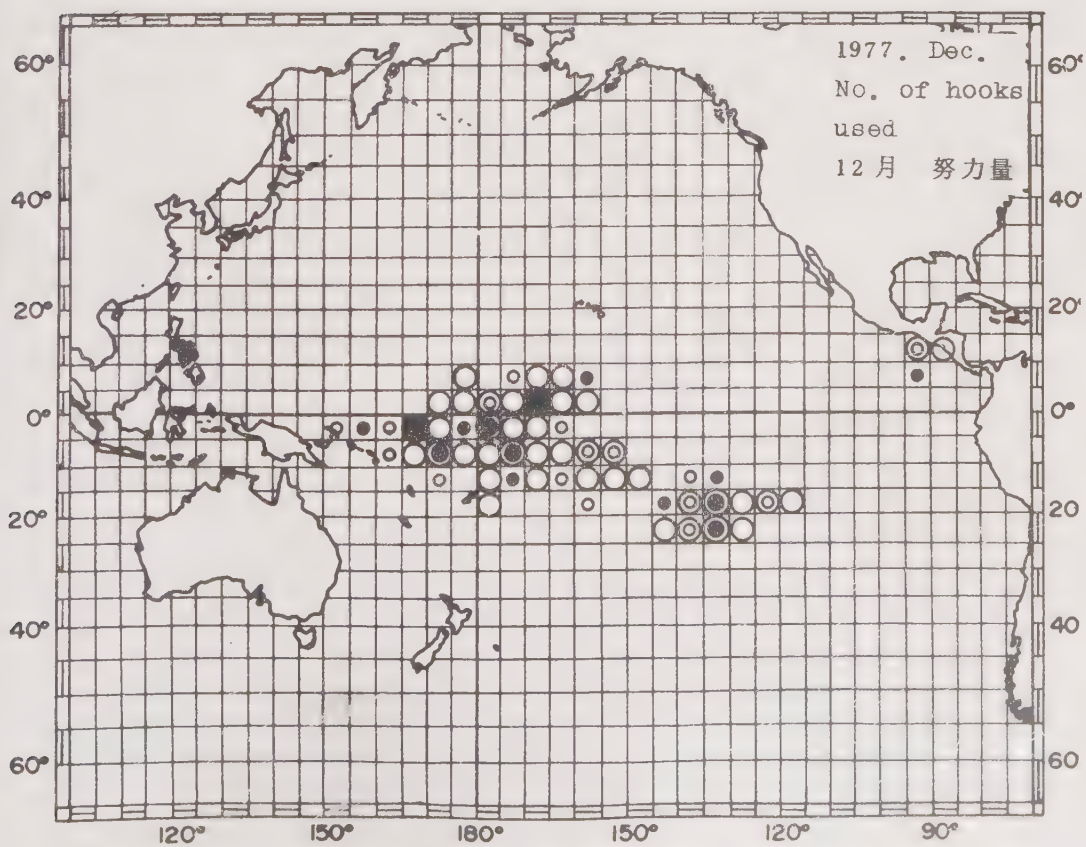
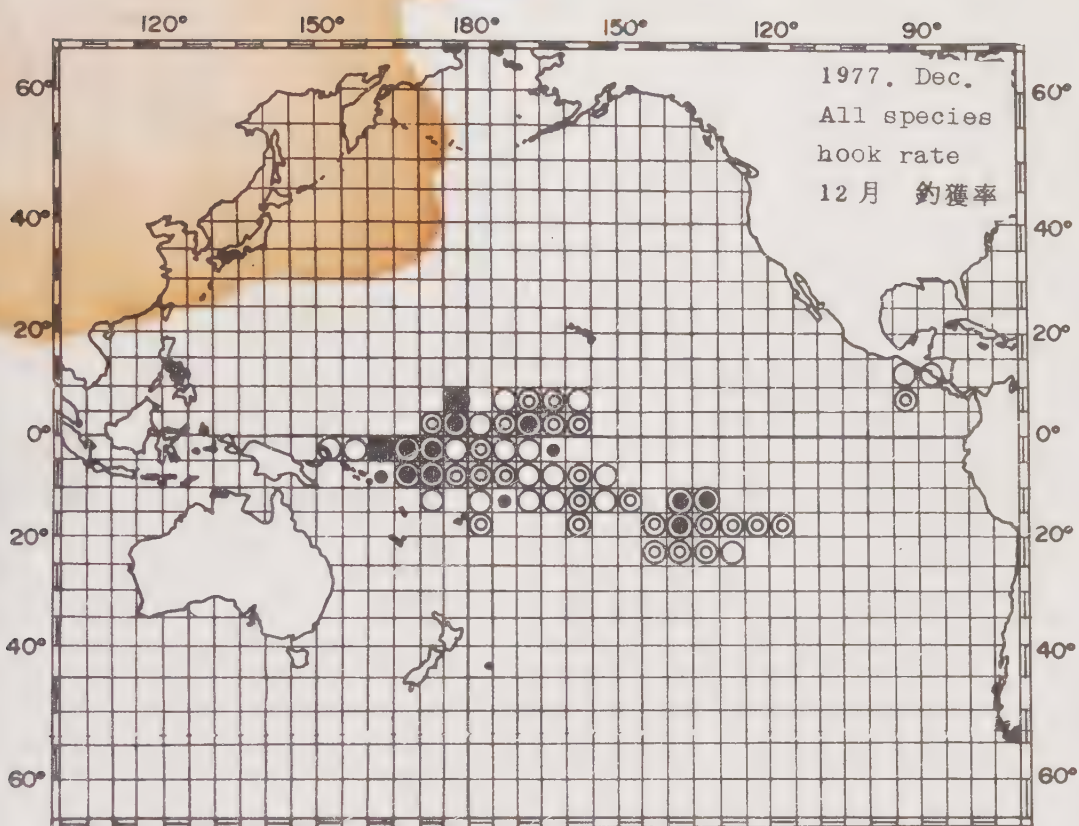
1977











1977

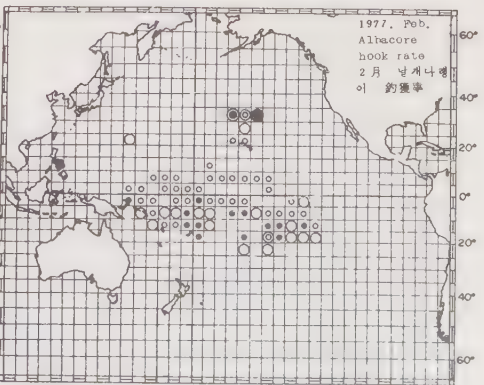
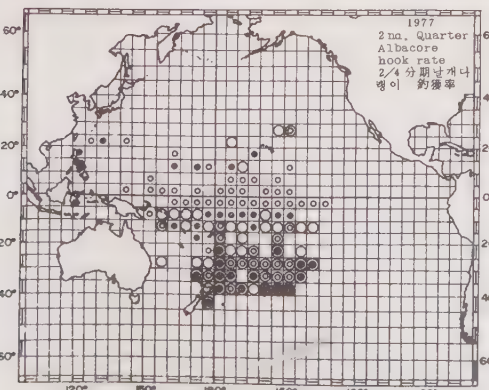
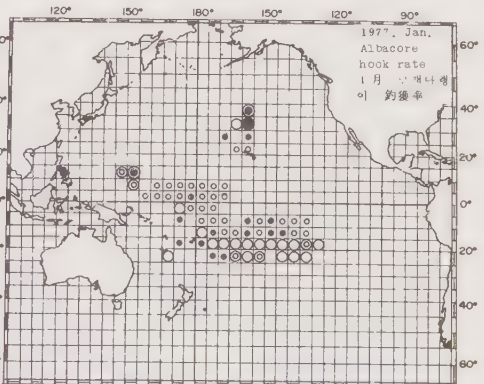
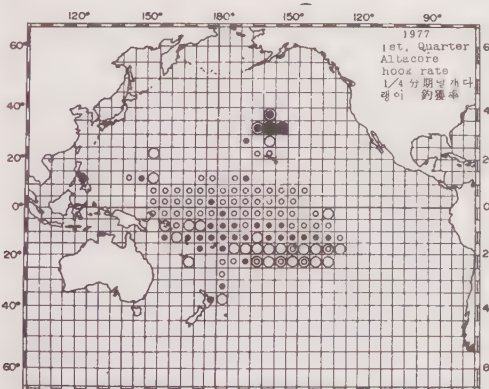
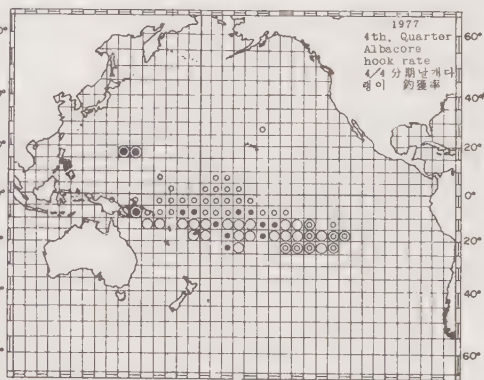
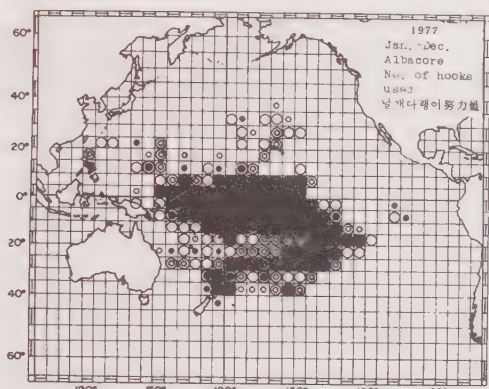
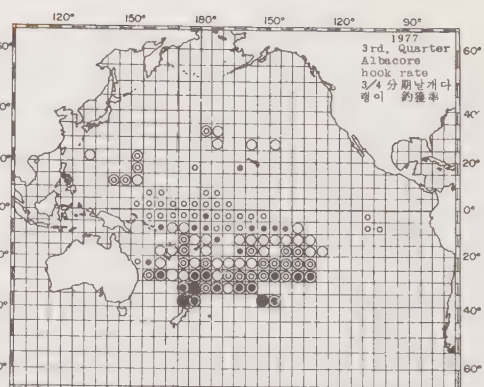
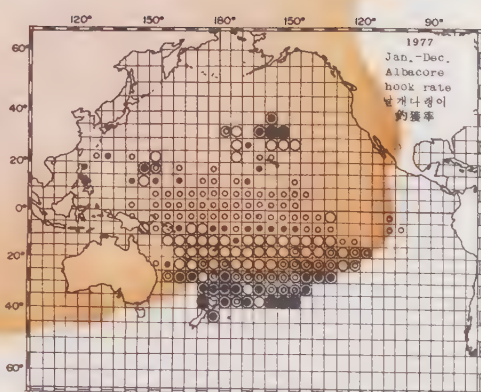
날개다랭이, 황다랭이, 눈다랭이
釣獲率 및 漁獲努力 分布圖

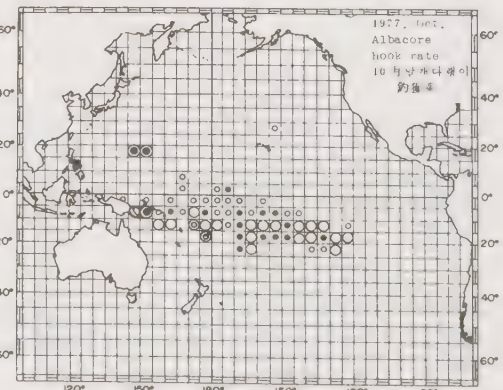
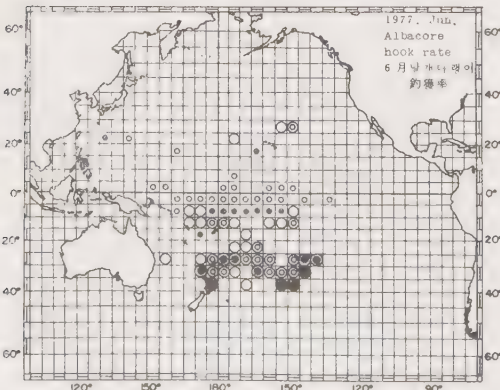
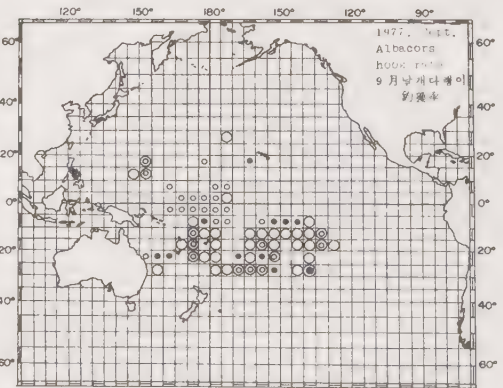
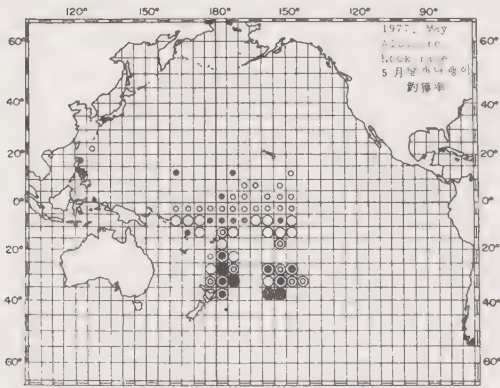
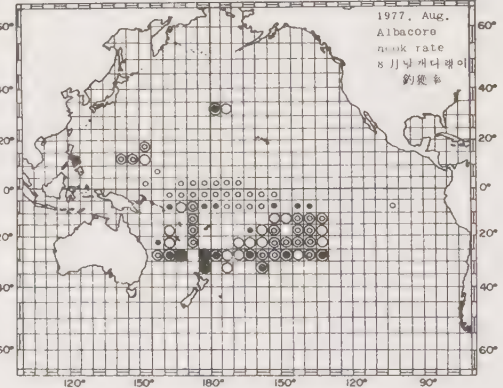
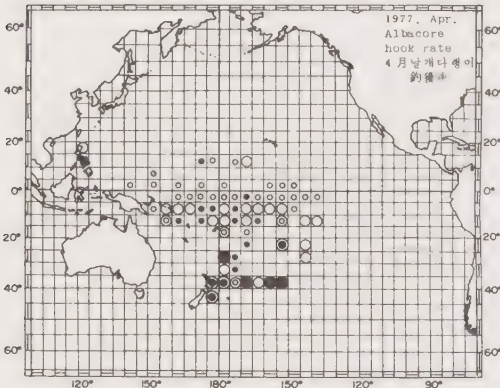
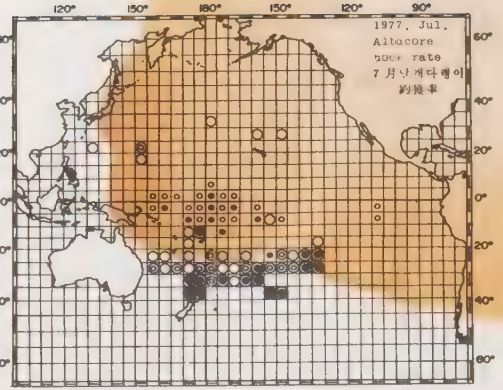
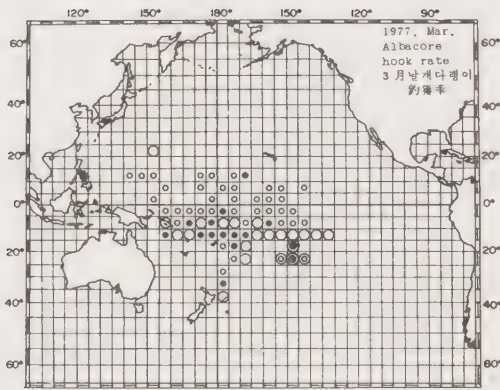
Albacore, Yellowfin, Bigeye

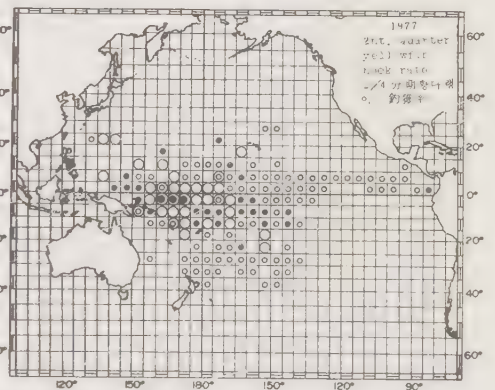
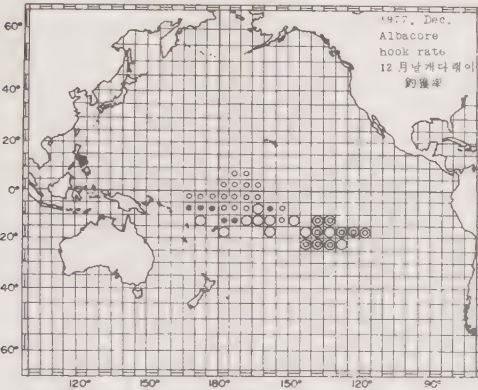
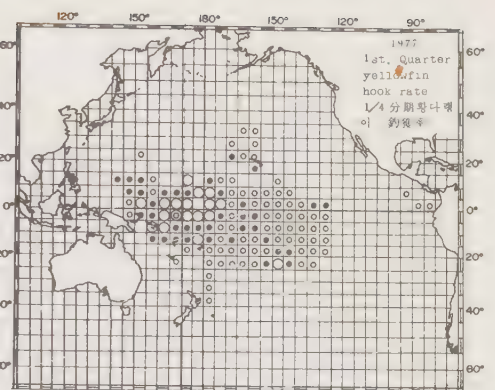
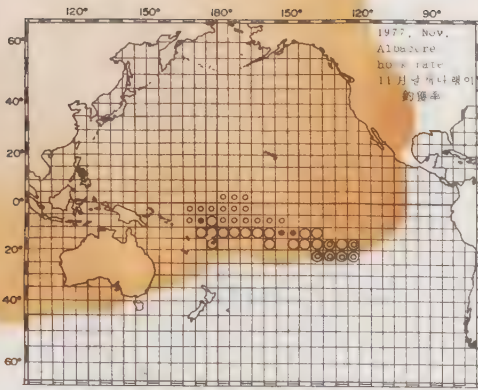
Hook rate and fishing effort

for

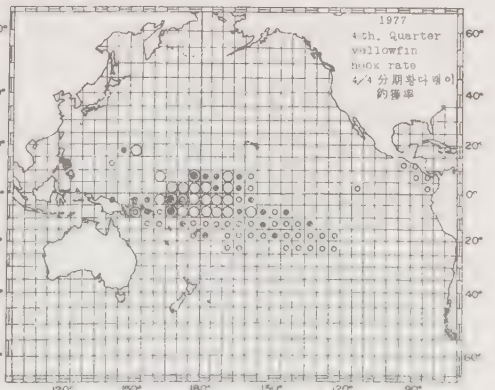
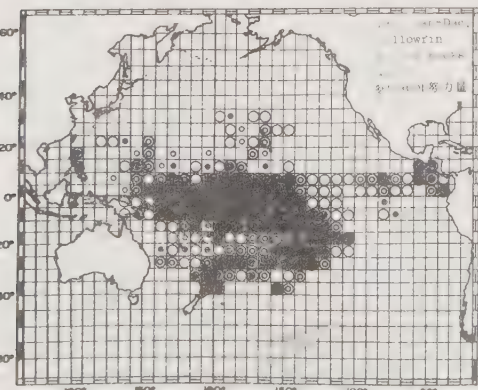
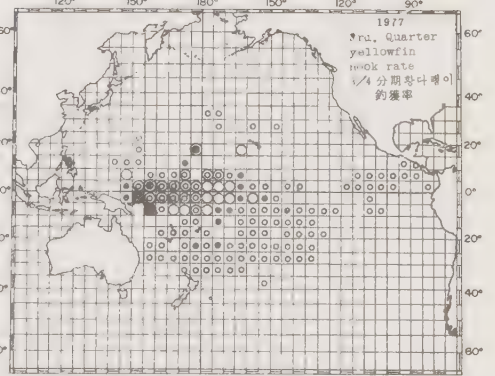
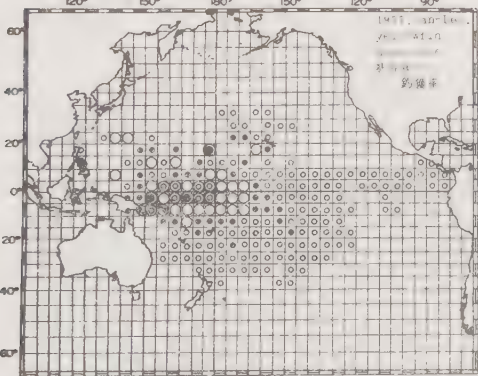
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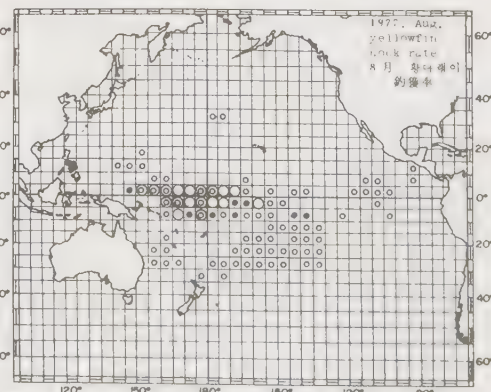
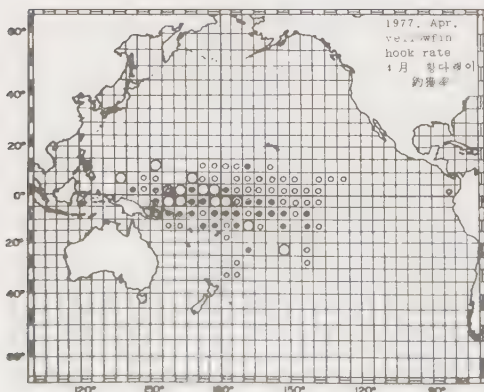
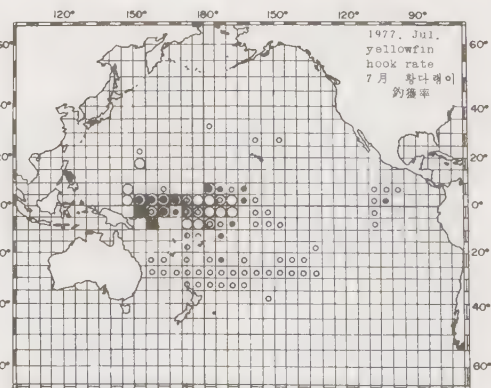
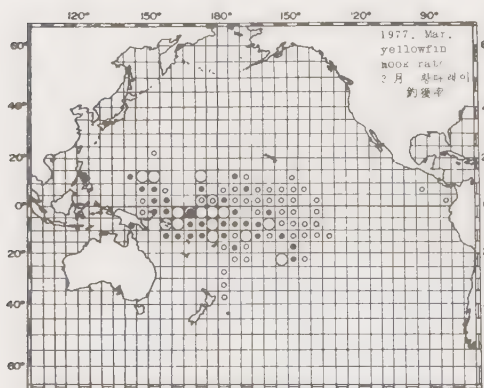
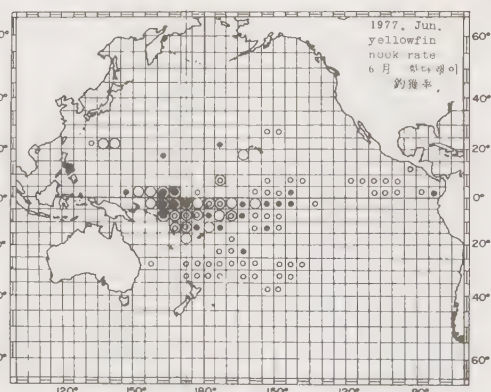
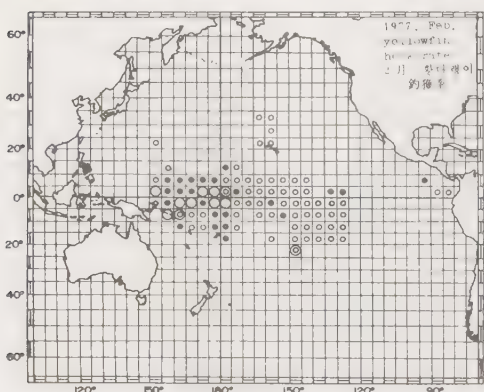
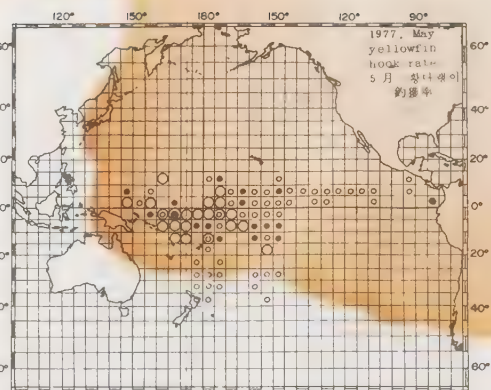
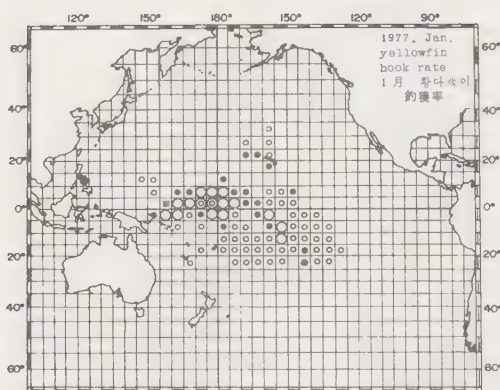




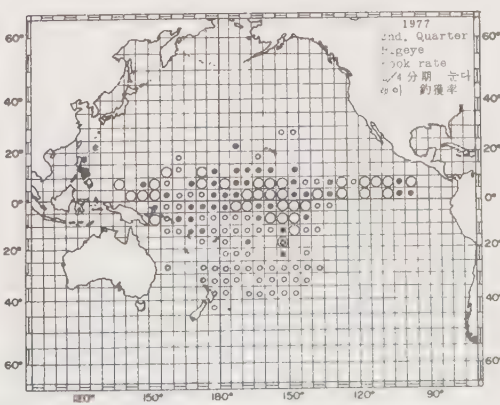
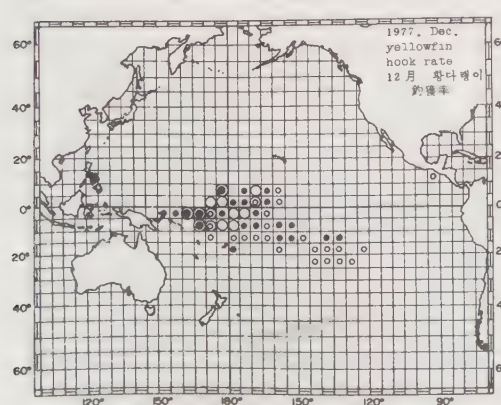
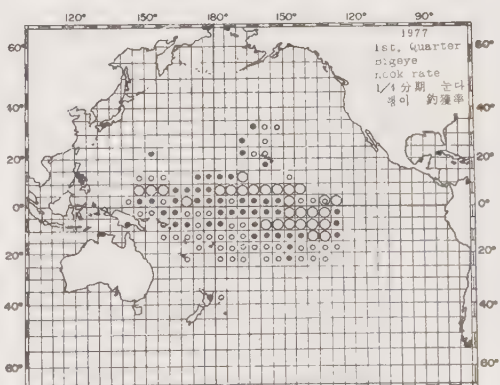
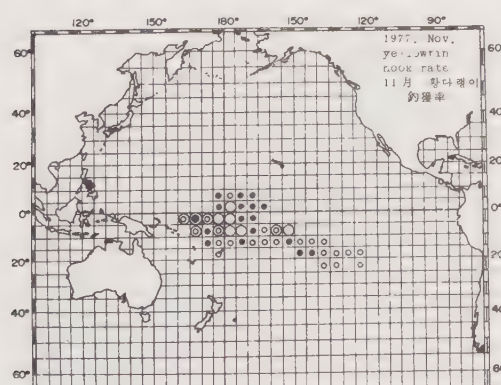
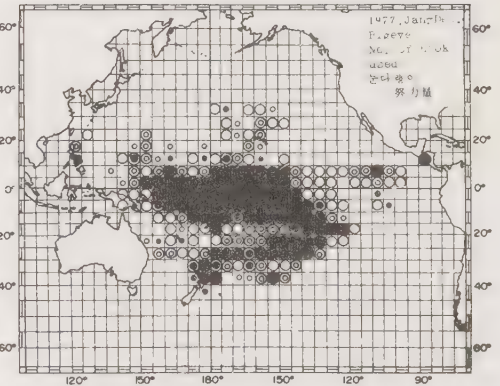
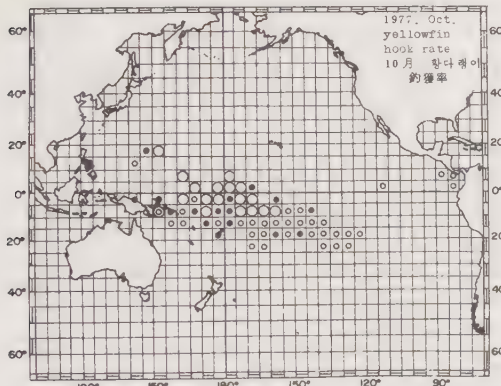
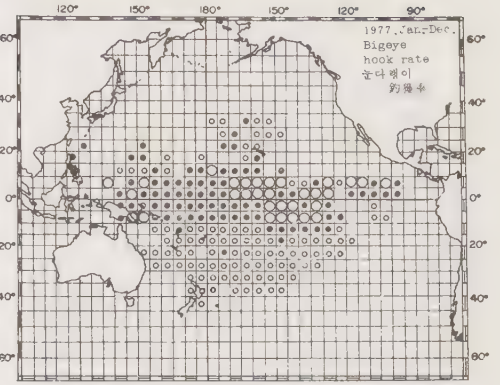
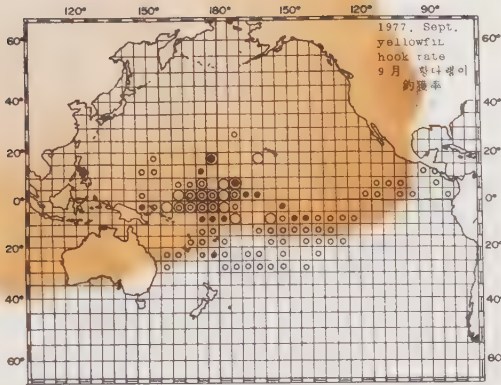


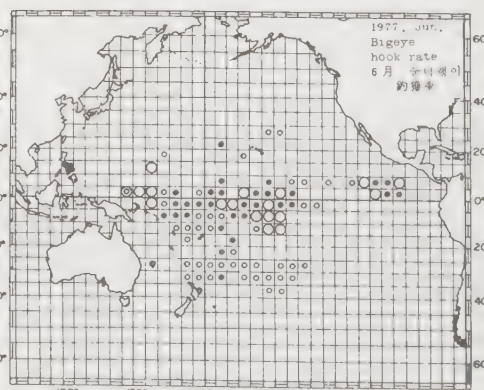
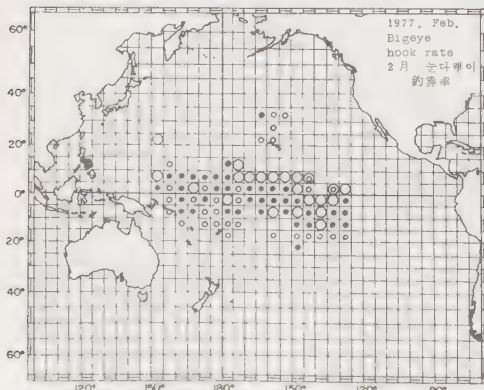
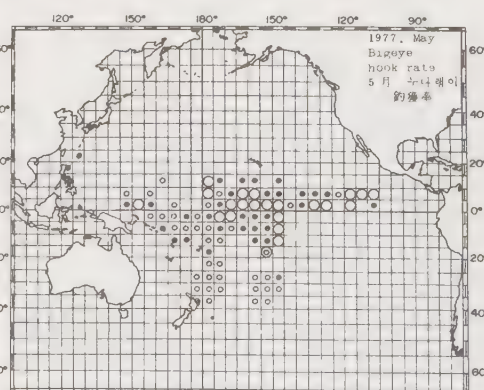
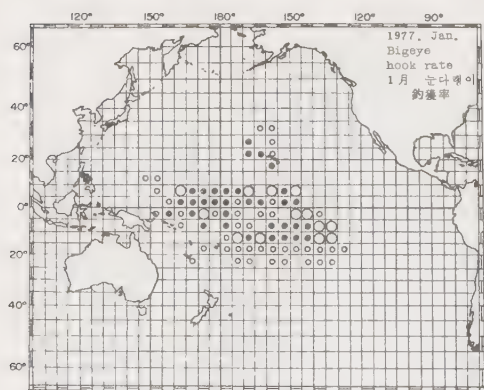
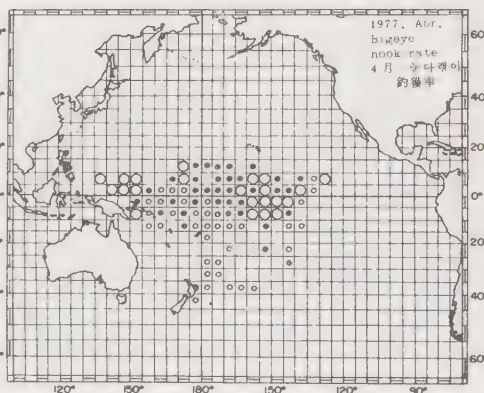
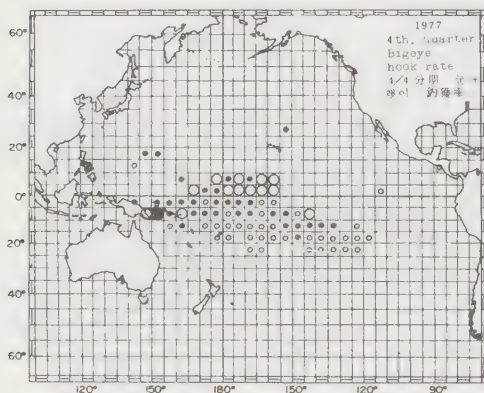
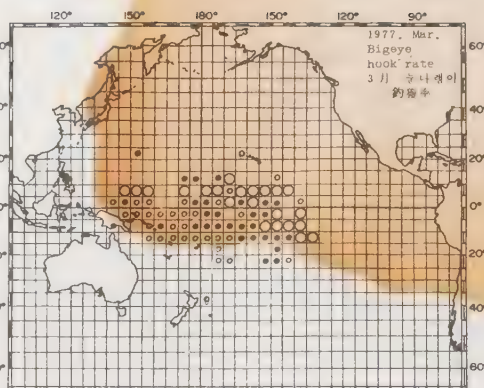
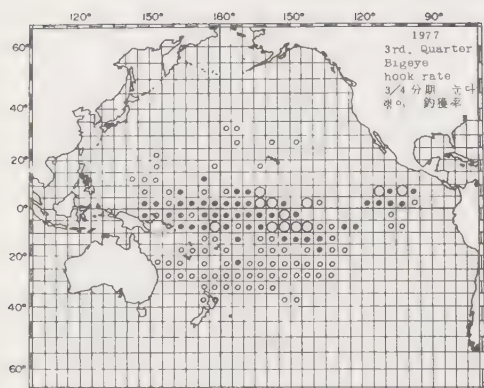
황다랭이 (Yellowfin tuna)

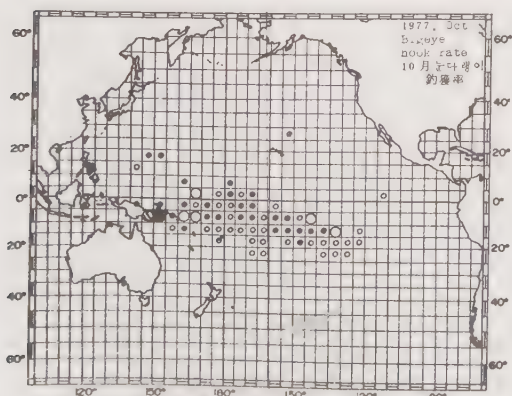
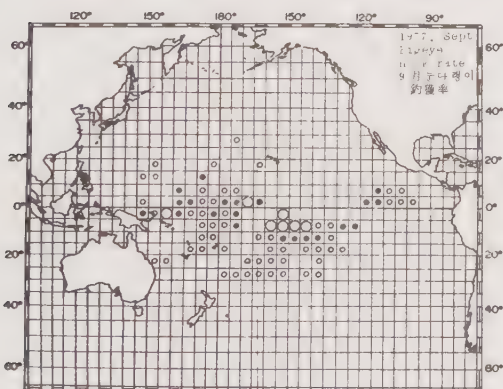
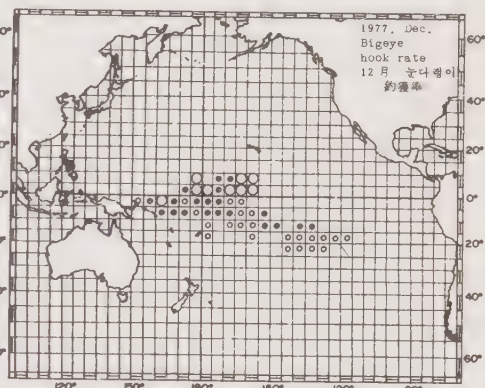
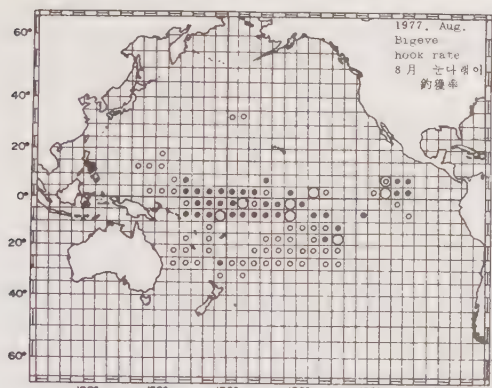
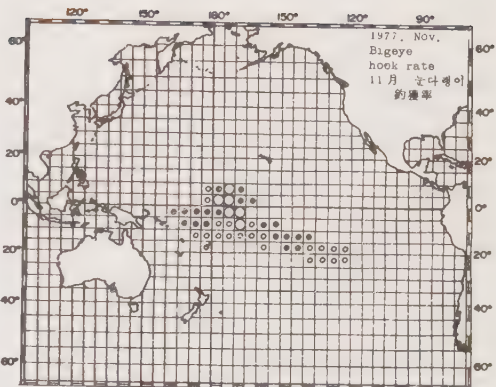
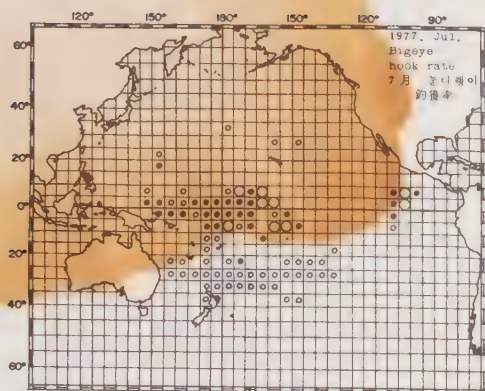


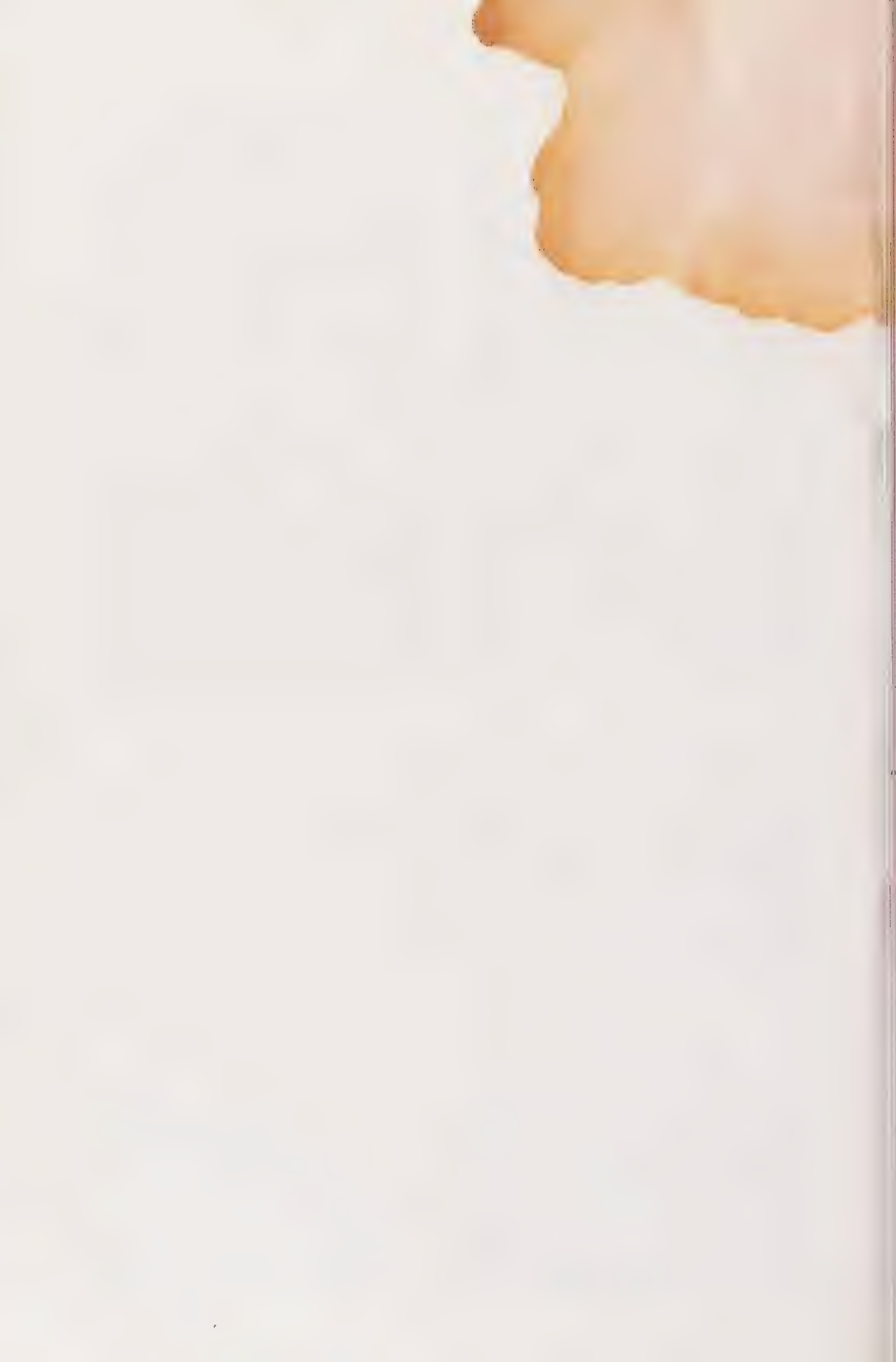


눈다랭이 (Bigeye tuna)









1978

全 魚 種

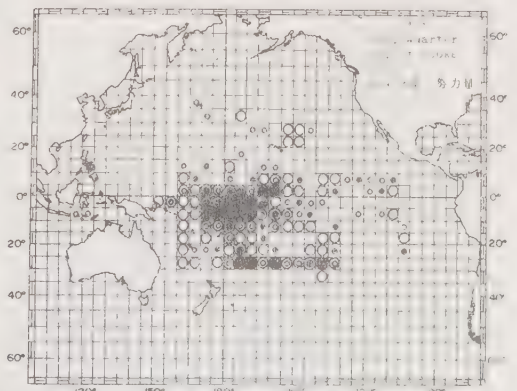
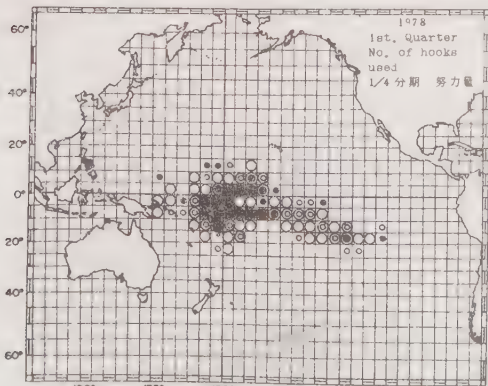
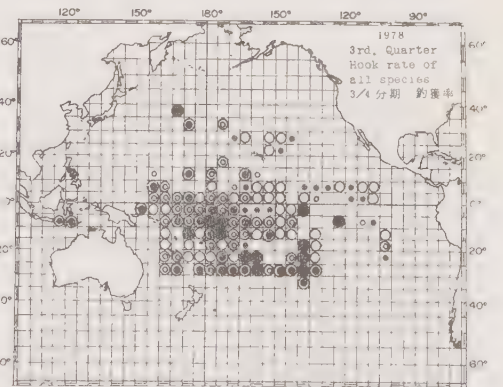
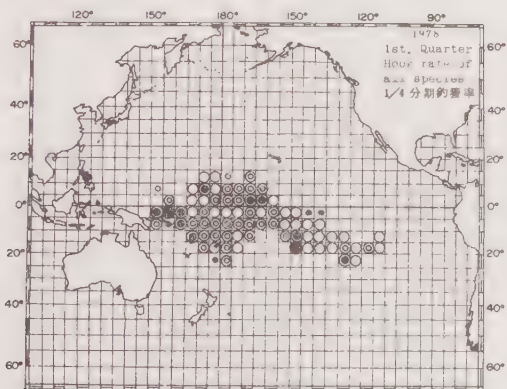
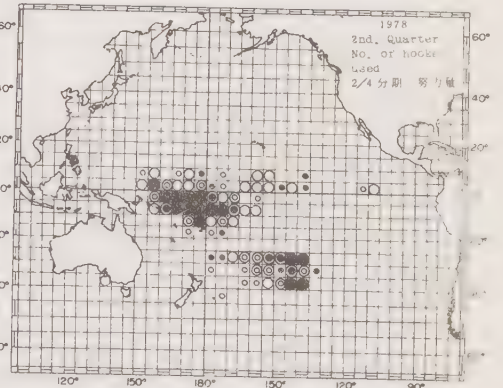
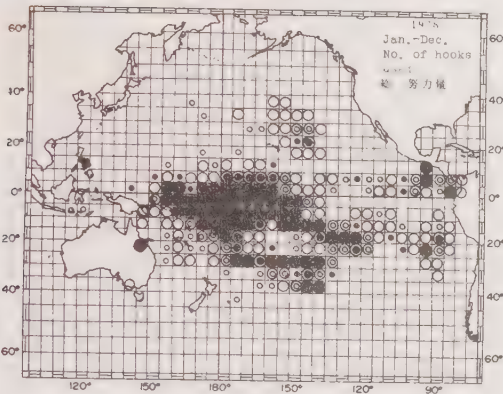
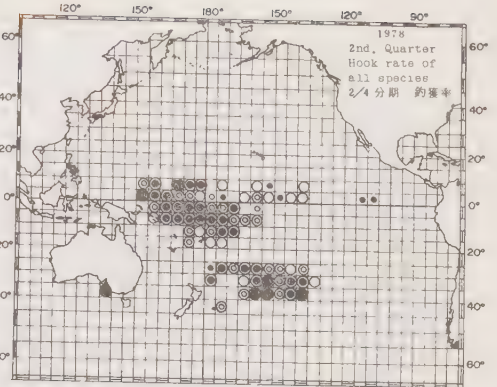
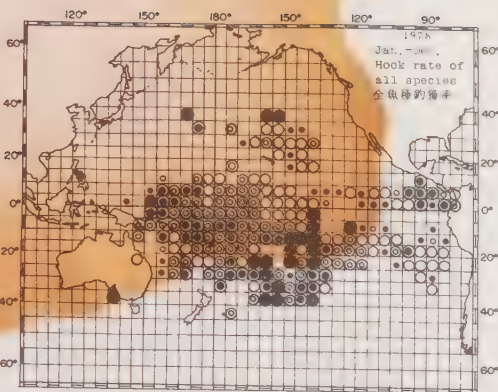
年別・分期別・月別・釣獲率 및 漁獲努力分布圖

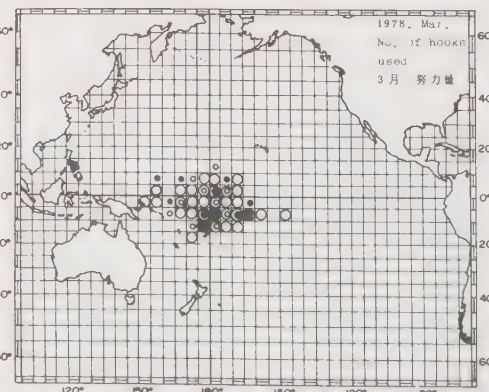
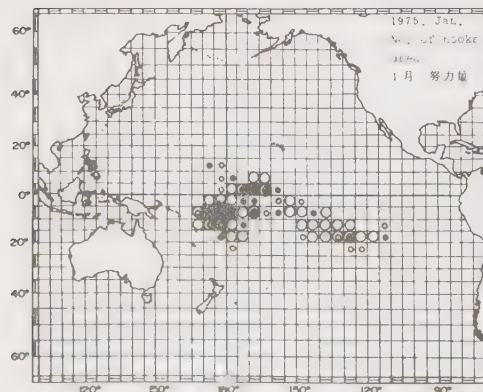
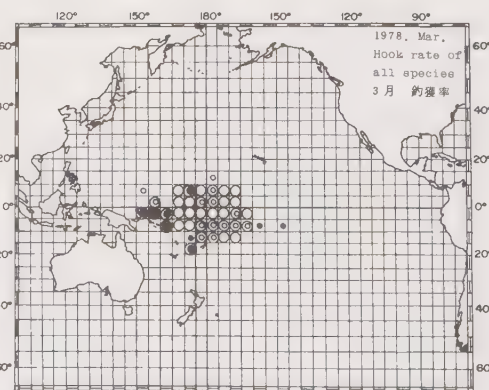
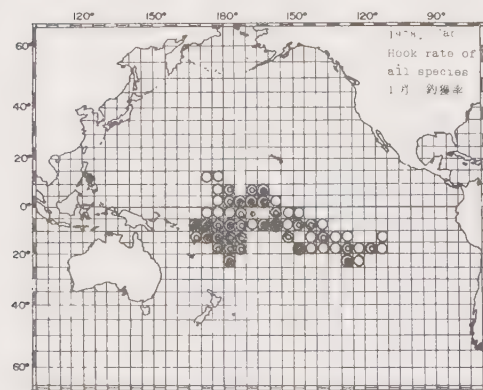
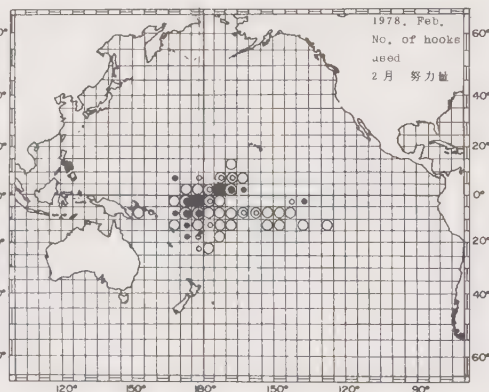
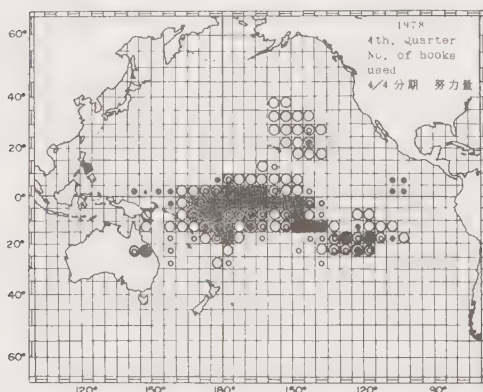
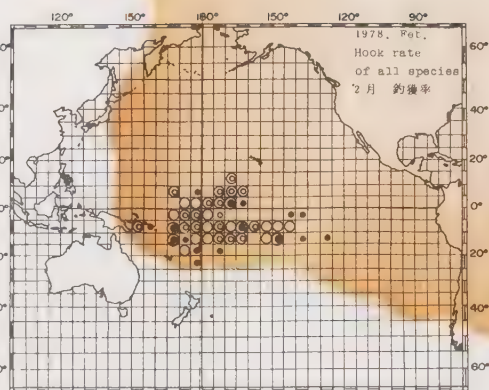
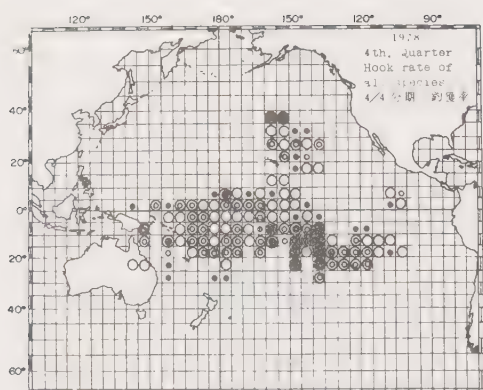
All Species

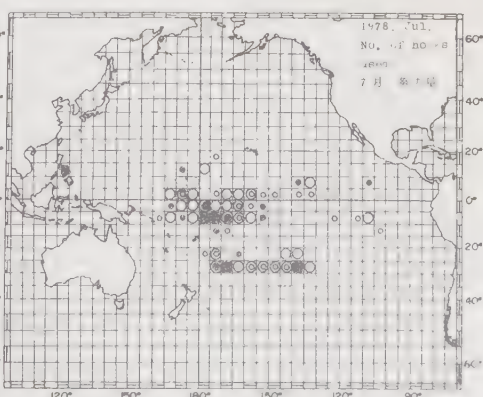
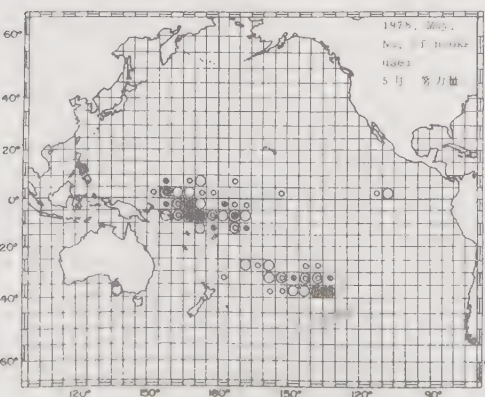
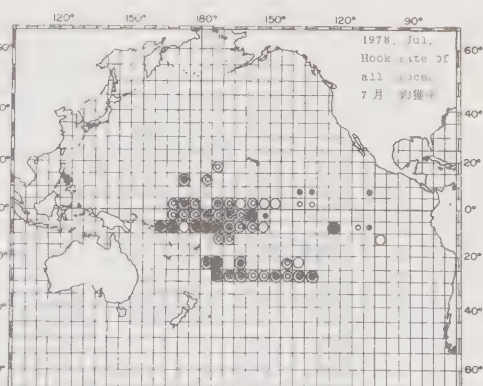
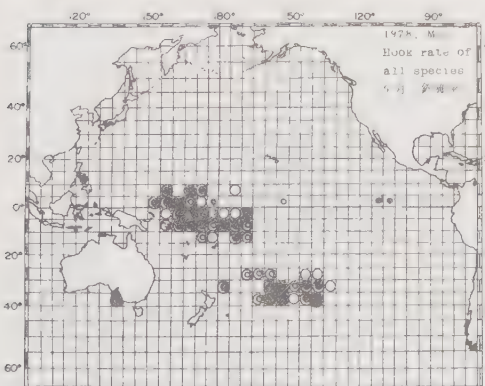
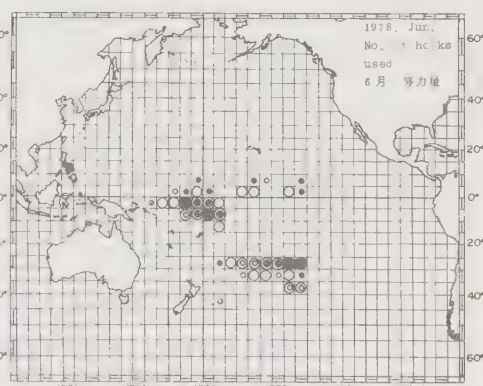
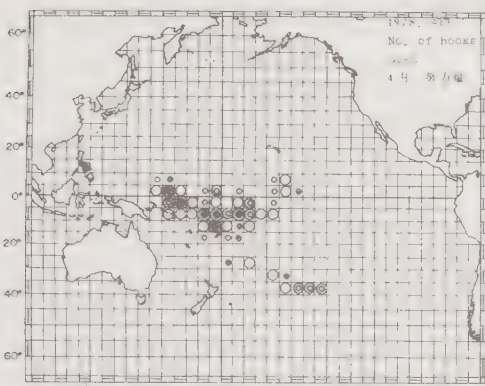
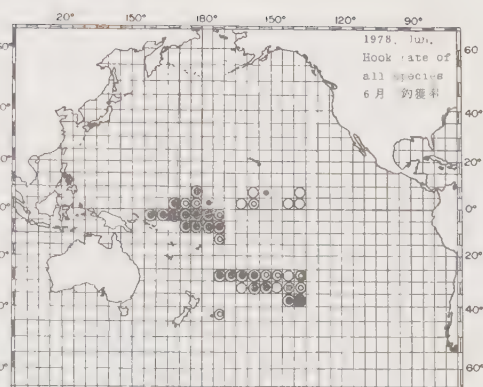
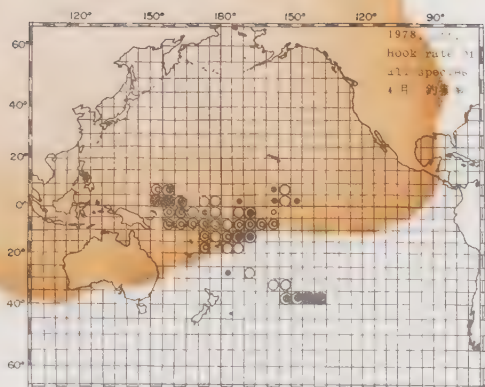
Hook rate and fishing effort by Month,
by quarter and by year

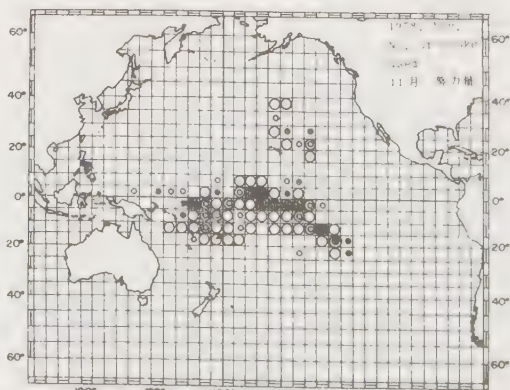
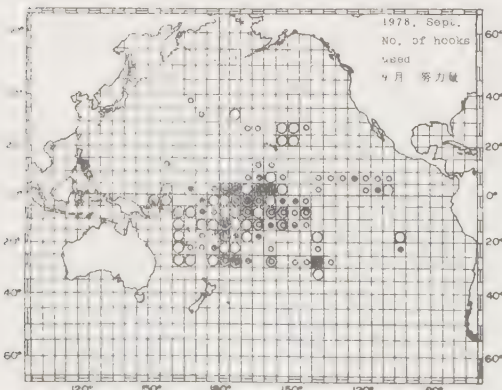
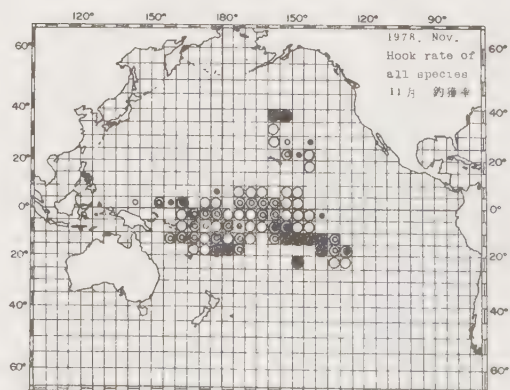
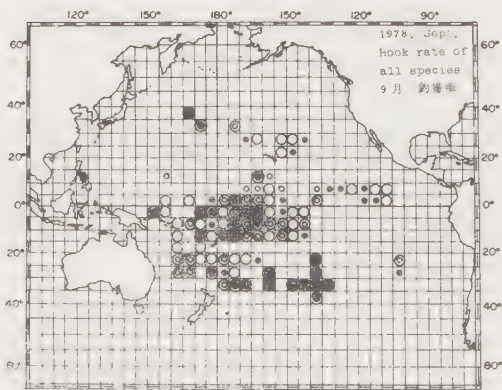
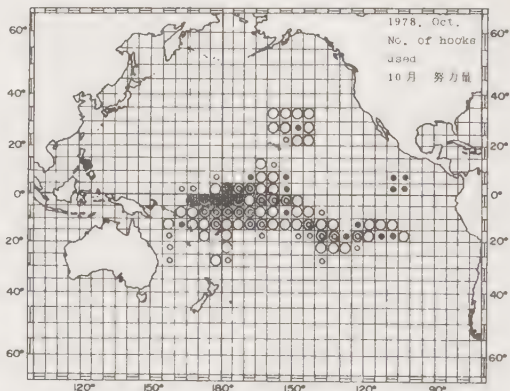
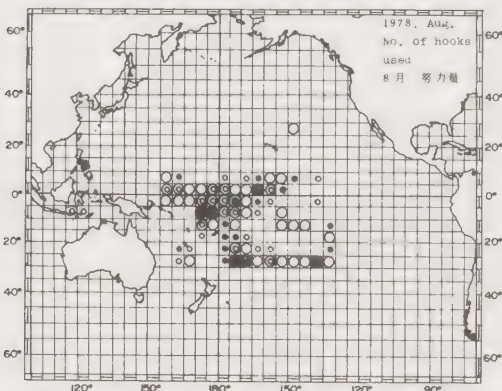
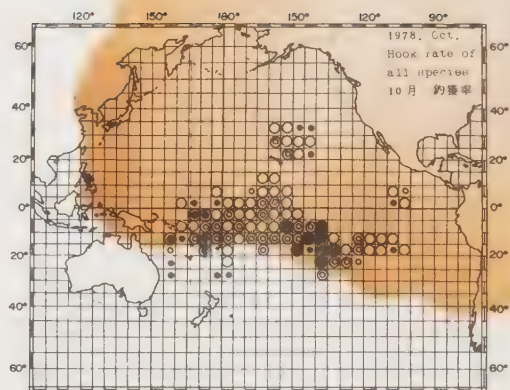
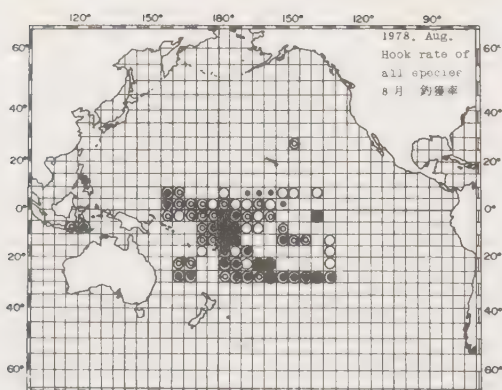
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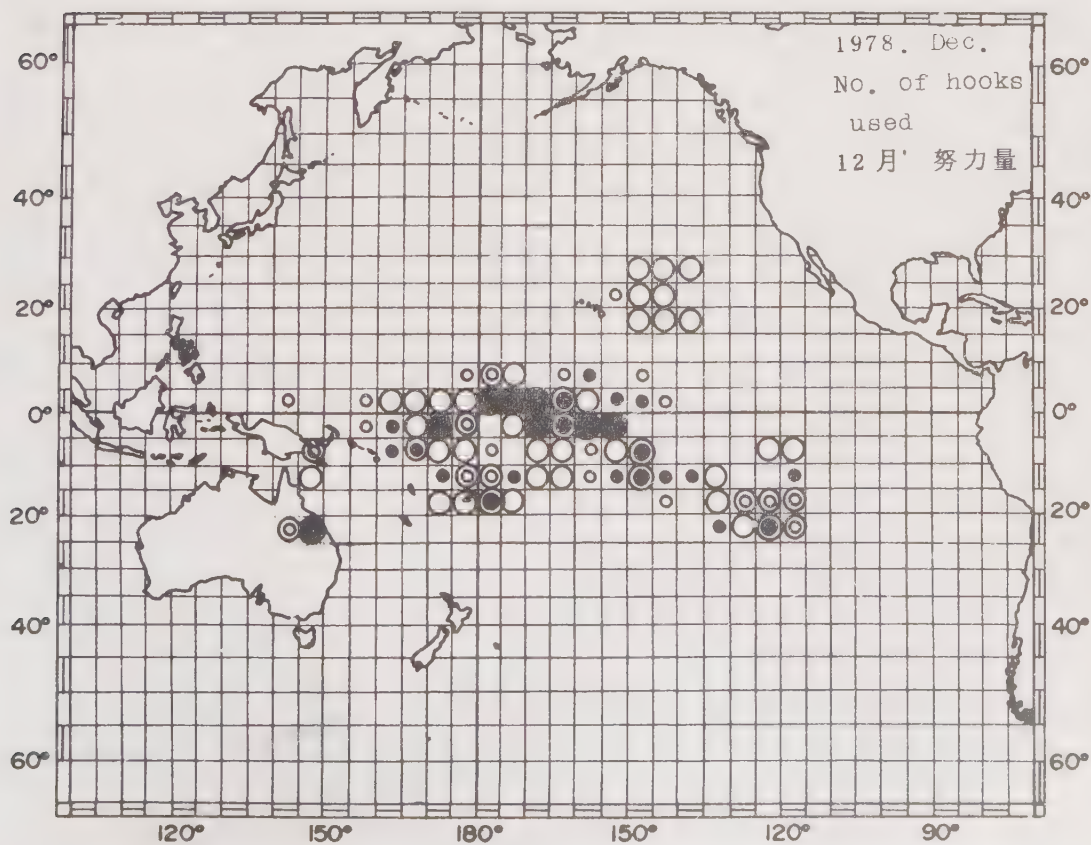
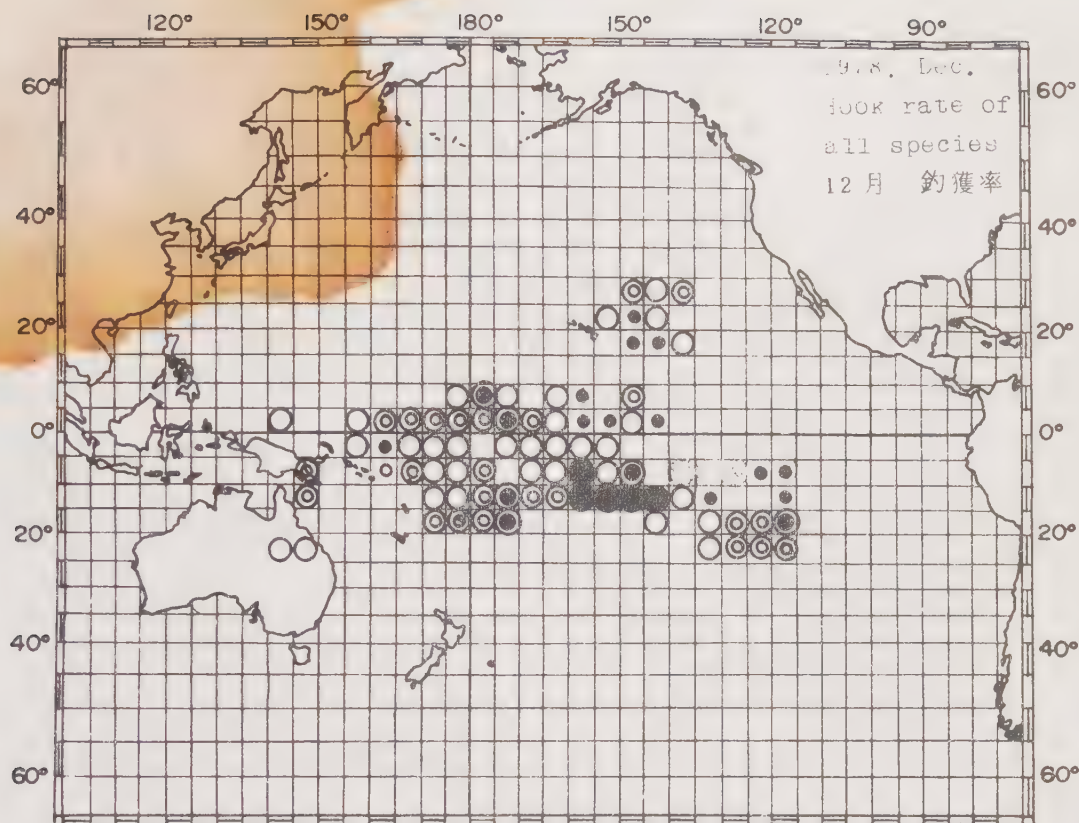
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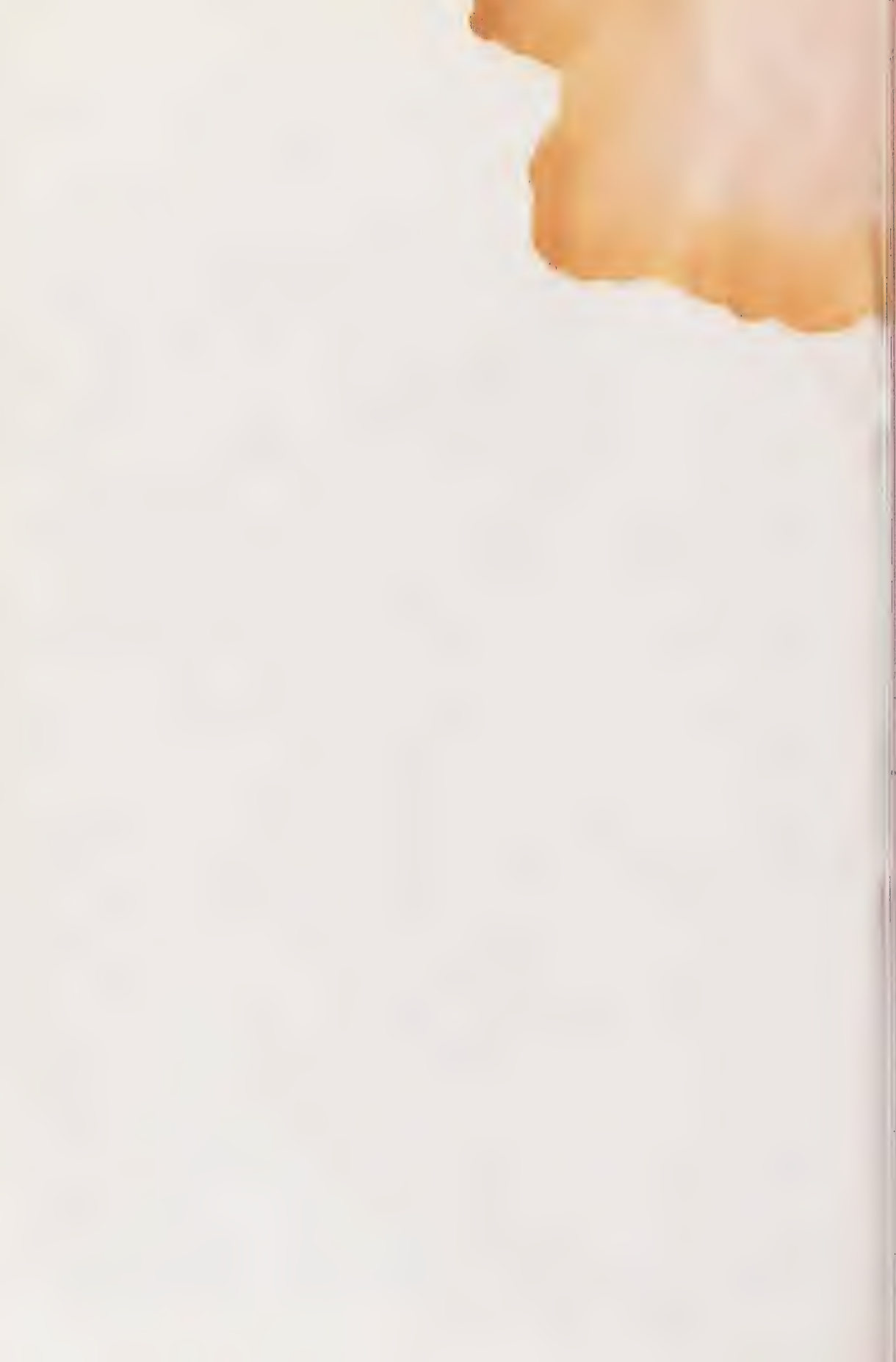












1978

날개다랭이, 황다랭이, 눈다랭이

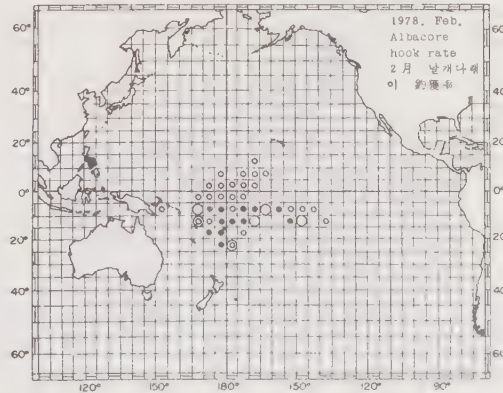
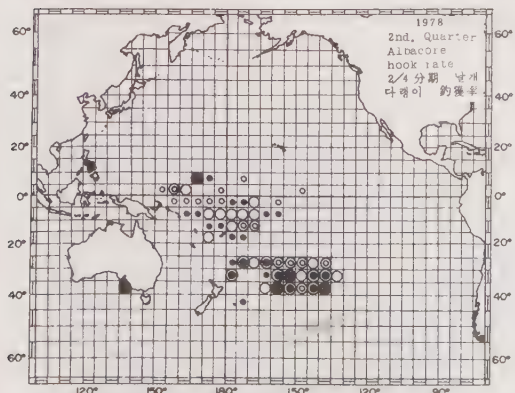
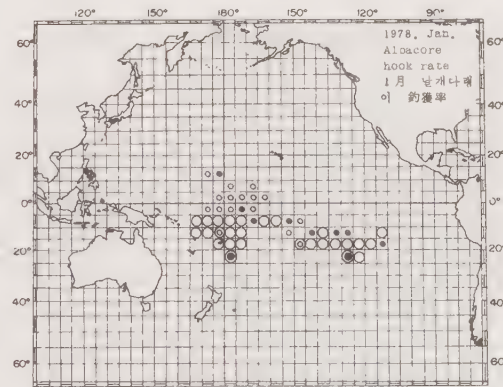
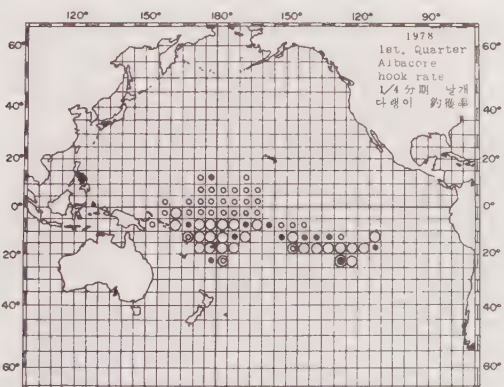
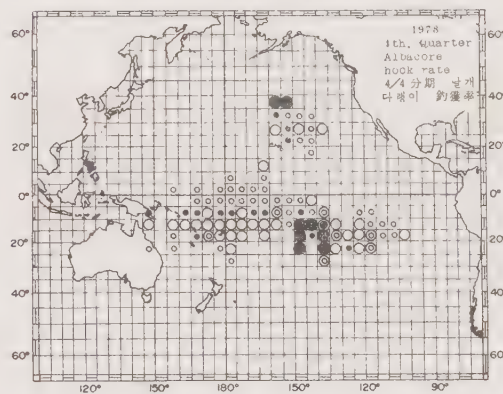
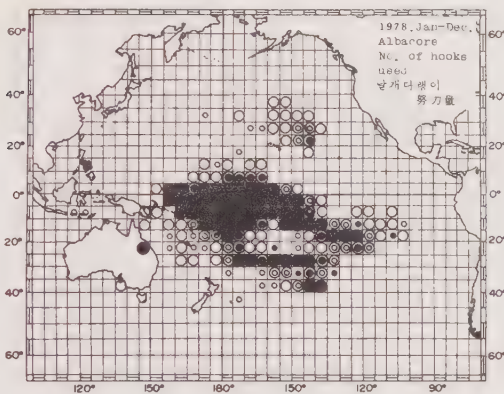
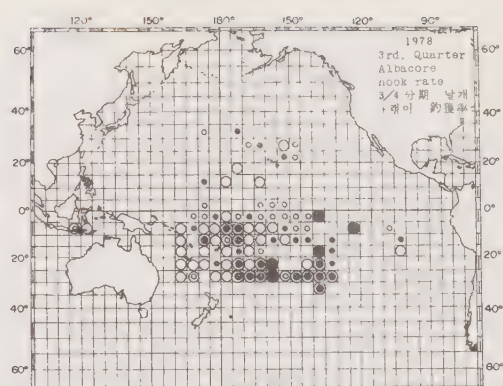
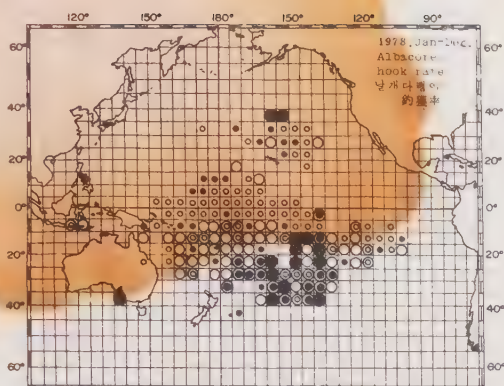
釣獲率 및 漁獲努力 分布圖

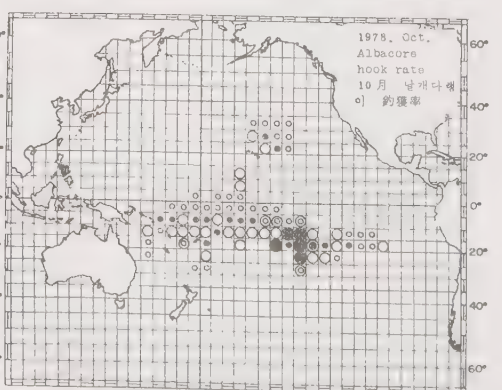
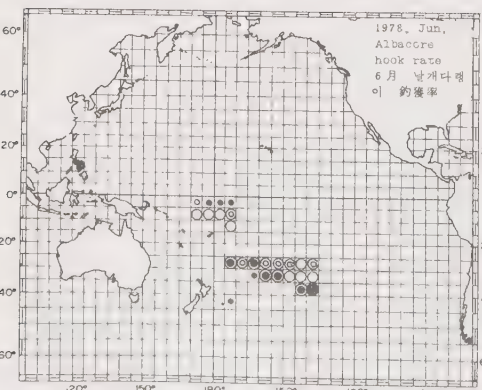
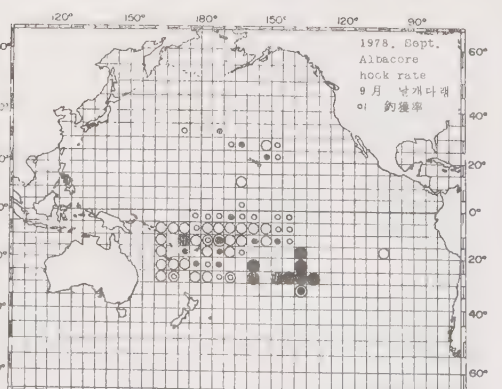
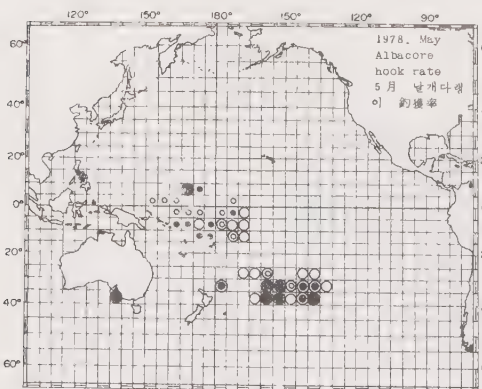
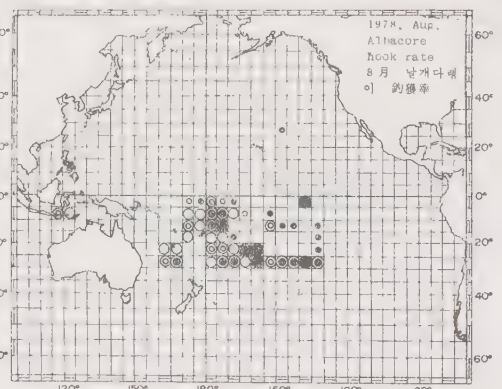
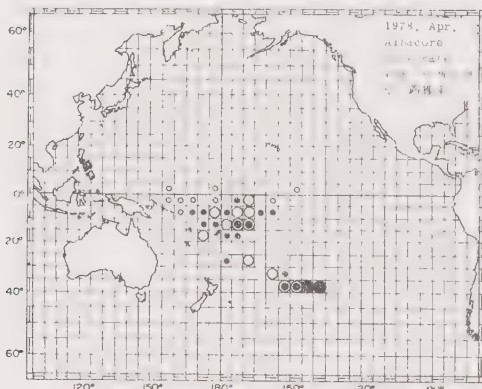
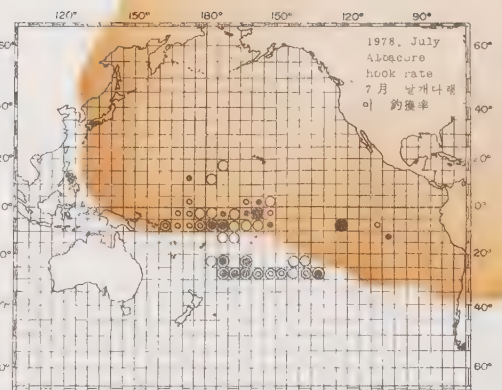
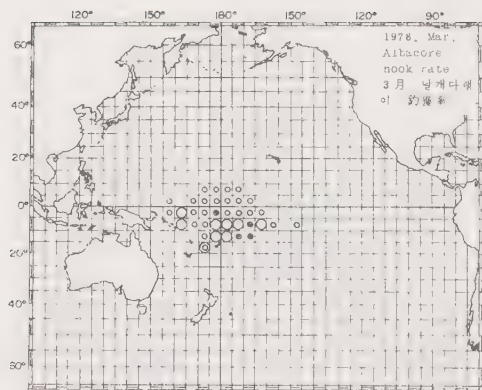
Albacore, Yellowfin, Bigeye

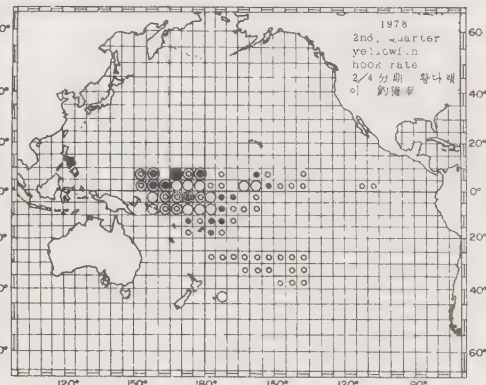
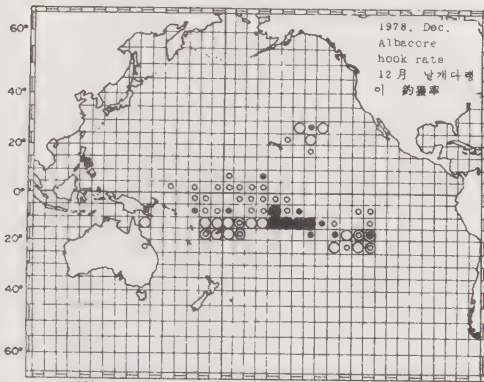
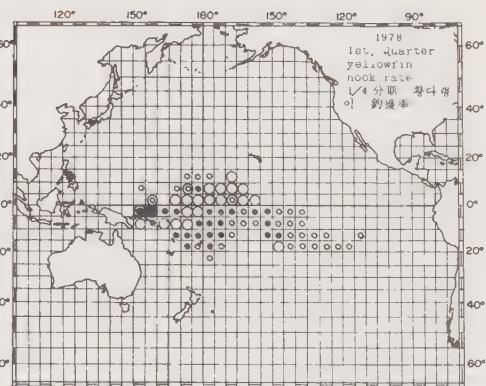
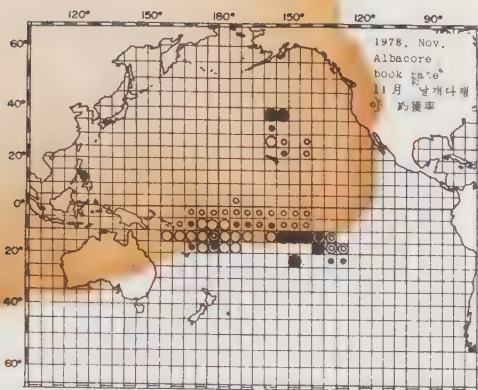
Hook rate and fishing effort

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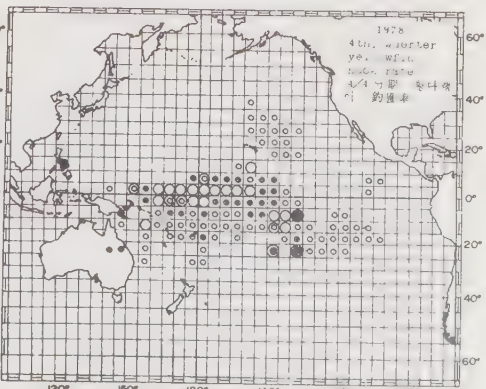
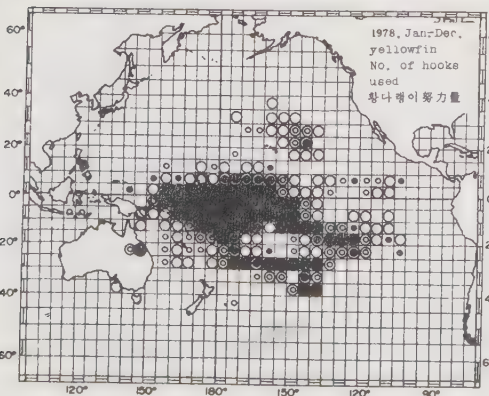
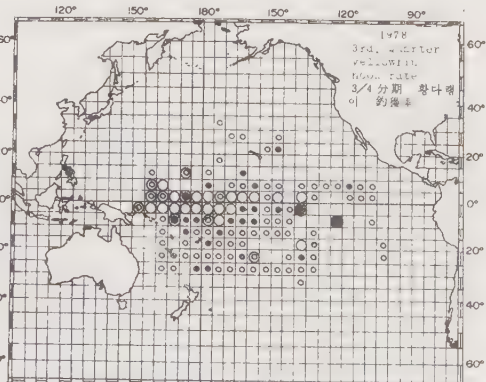
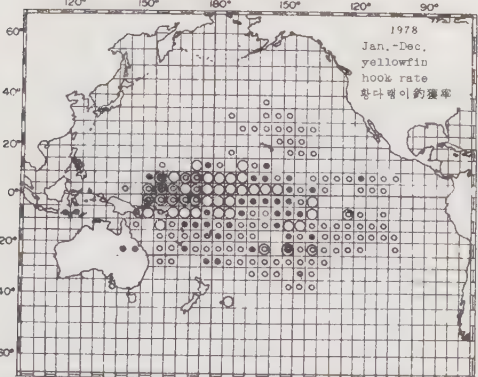
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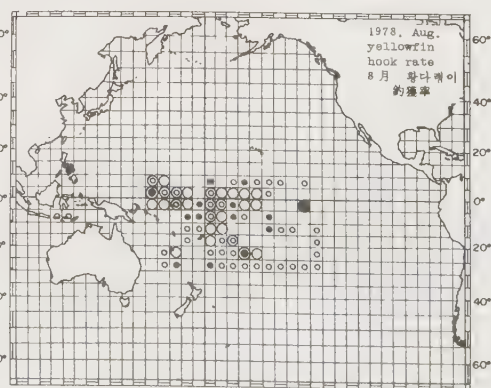
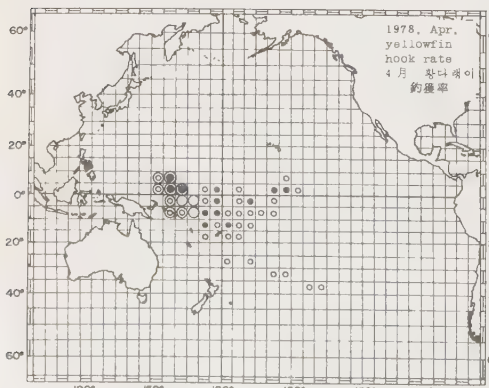
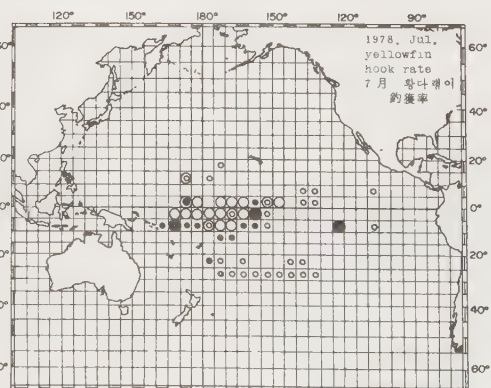
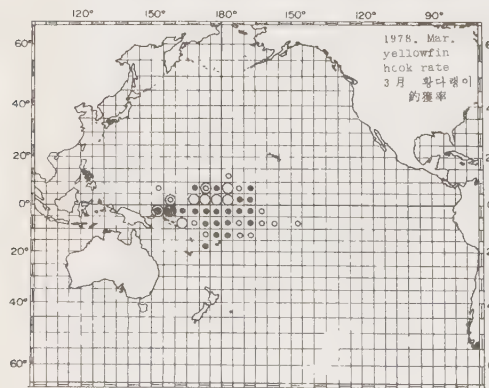
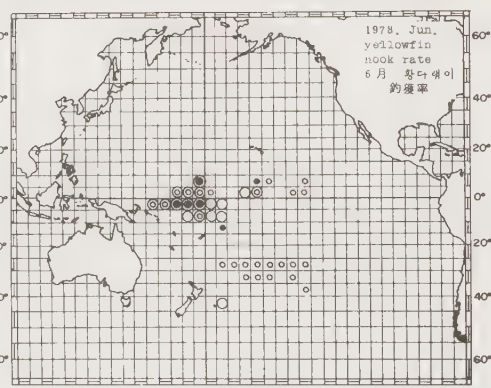
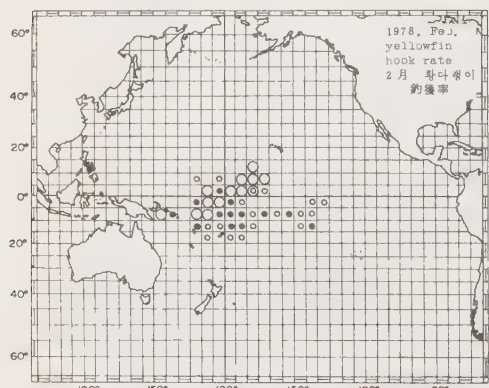
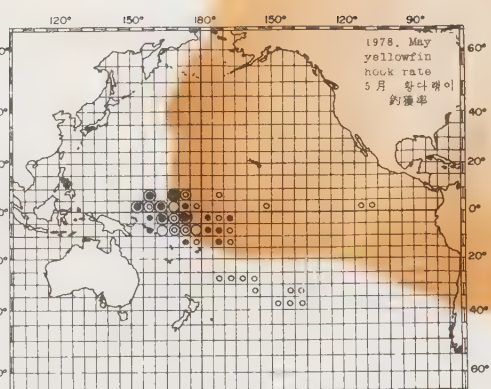
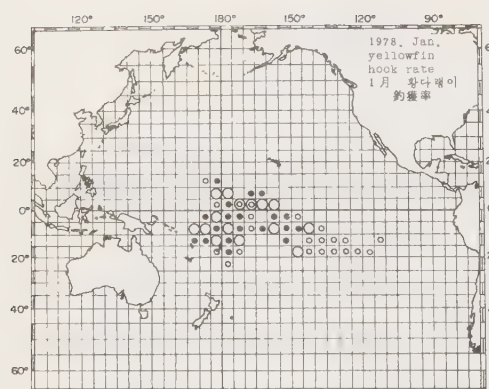




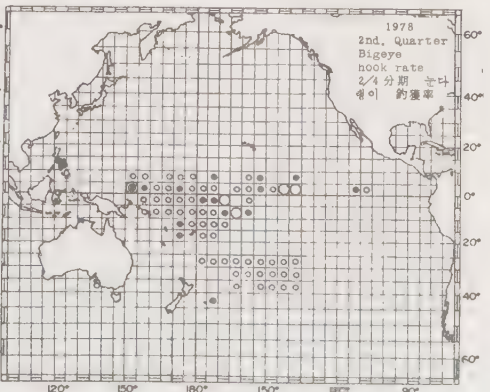
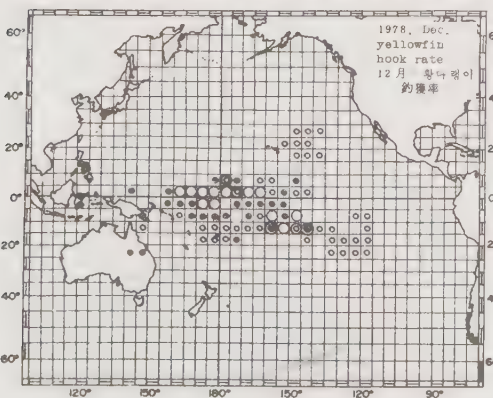
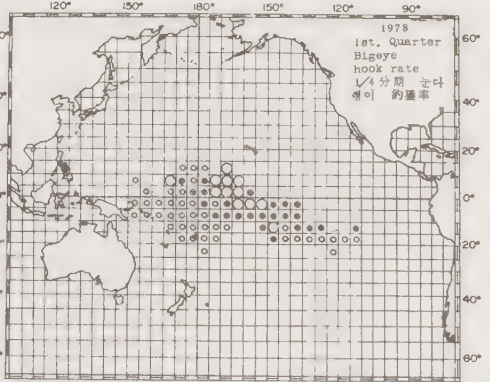
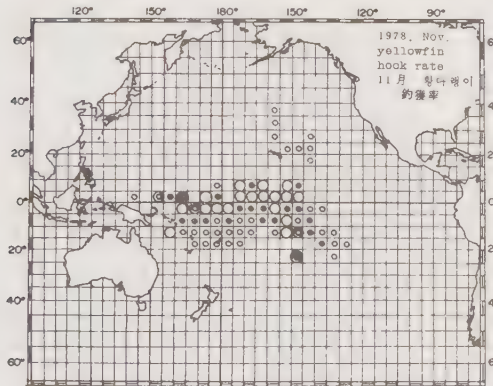
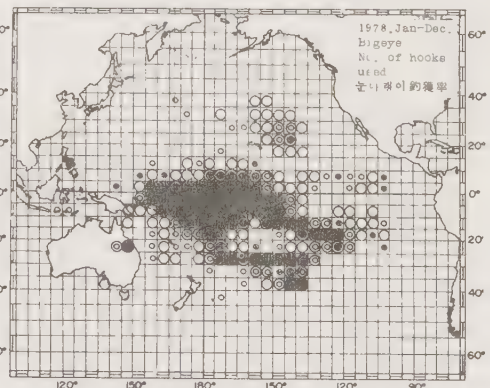
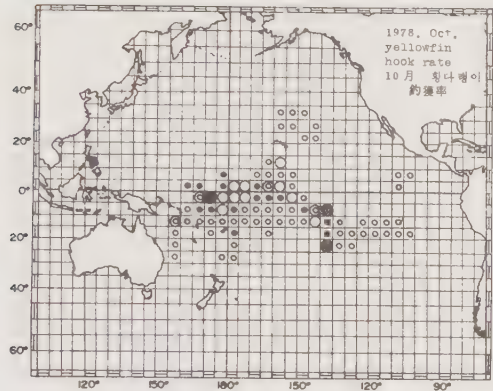
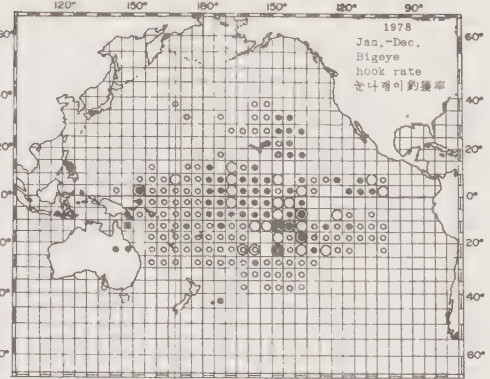
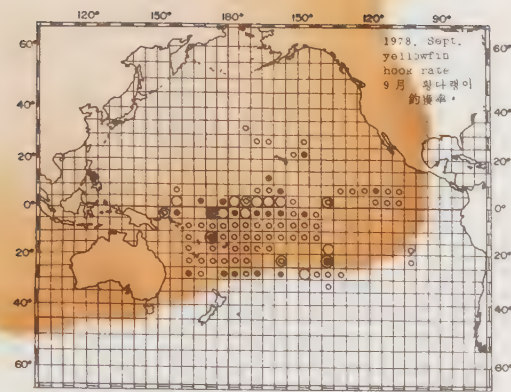


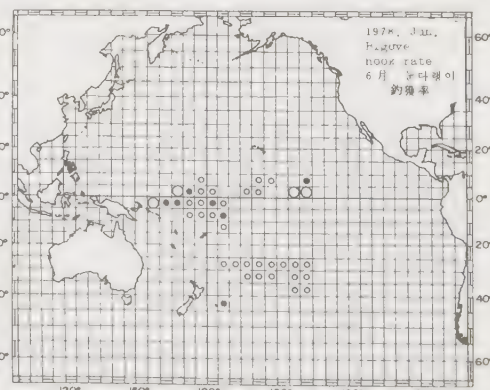
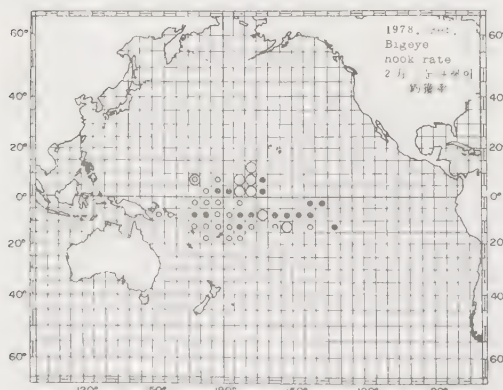
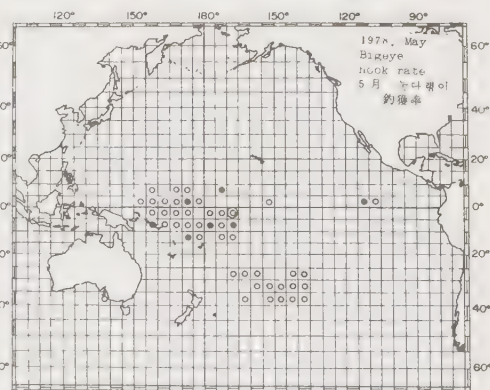
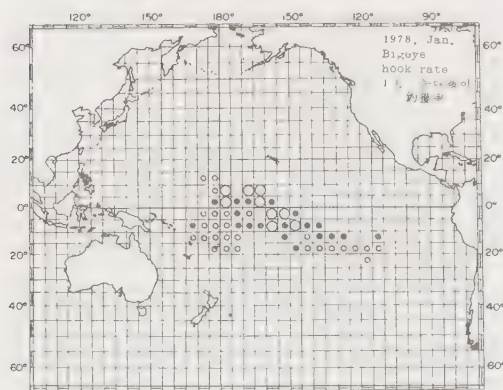
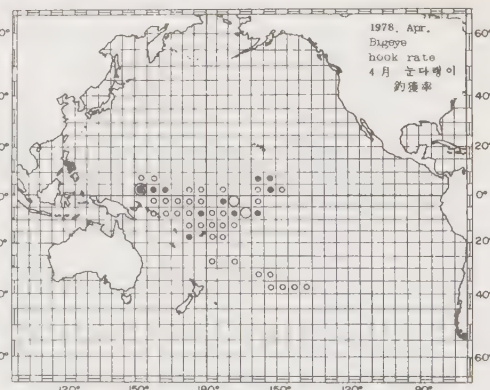
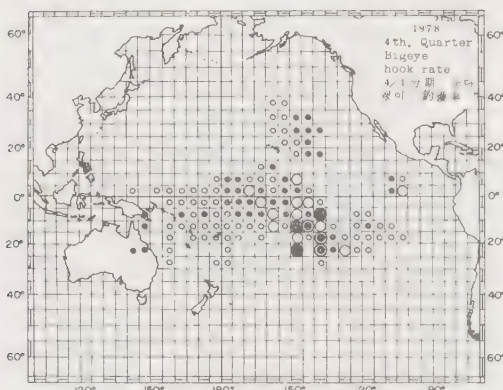
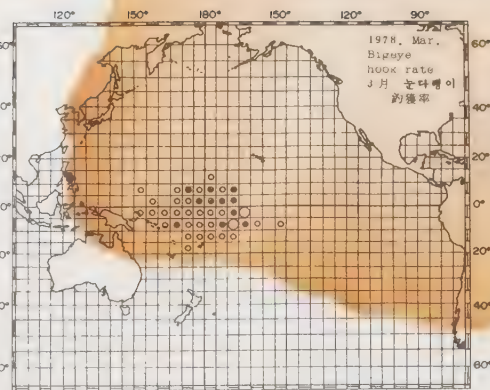
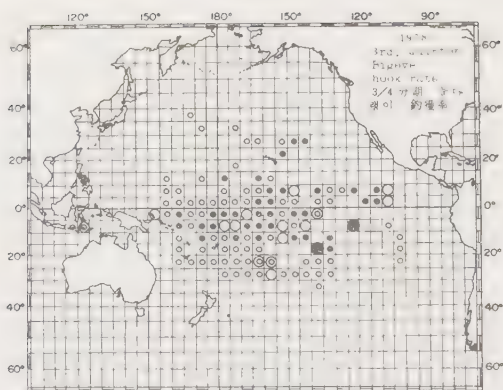
황다랭이 (Yellowfin tuna)

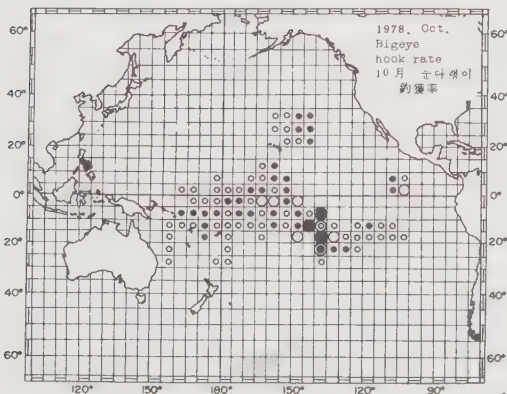
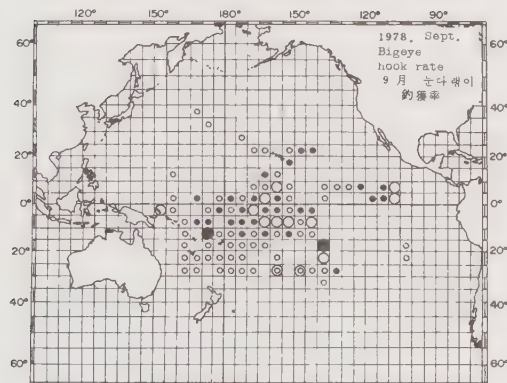
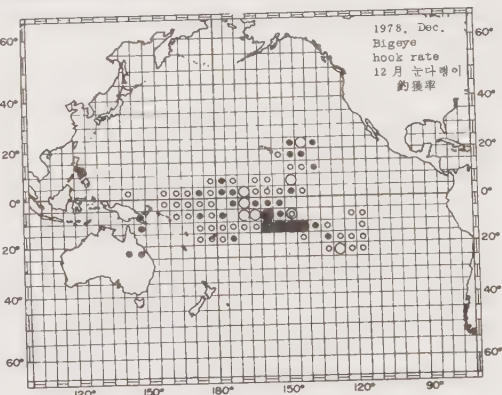
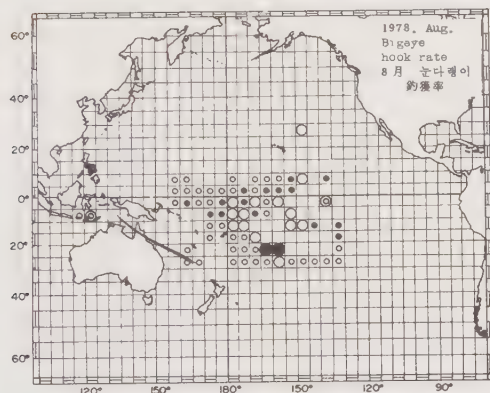
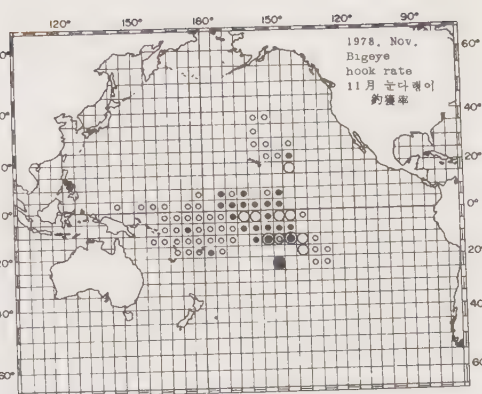
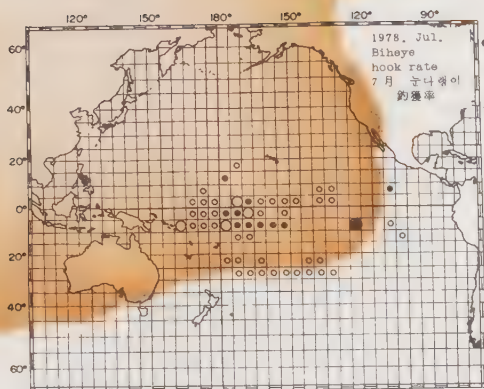




눈다랭이 (Bigeye tuna)









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資料集 및 漁場図
ANNUAL REPORT OF CATCH AND EFFORT
STATISTICS AND FISHING GROUNDS ON
KOREAN TUNA LONGLINE FISHERY

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